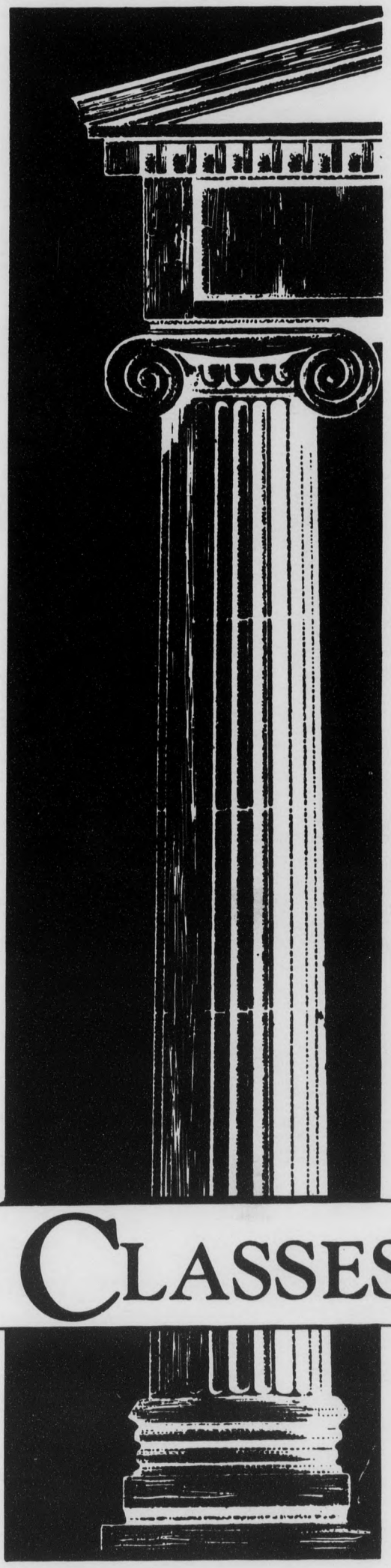
Volume:
1991
Fall Semester
2nd Edition

UNIVERSITY OF MARYLAND

√ RB92



SECOND EDITION

SCHEDULE OF CLASSES

FALL 1991

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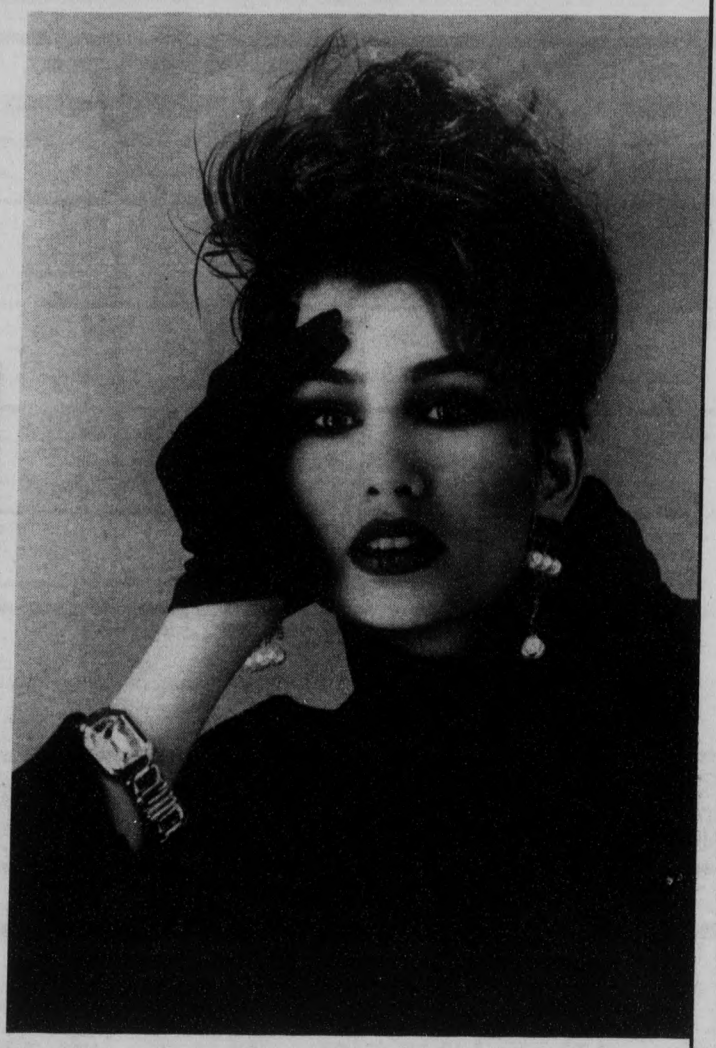

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Buy One Yogurt Get One Free.
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Chicken Wing Styles:

Always fresh, delicious and crispy with original homemade sauces.

* **Buffalo**: The original recipe, in 4 temperatures:
  1) "Mild," 2) "Spicy," 3) "Hot," or ...
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  Old West: Traditional BBQ spices and flavor.
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  Little Italy: A zesty mix of Garlic and Romano Cheese.
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* **Chesapeake**: Spicy hot with Old Bay Seasoning.

*Served with Blue Cheese dressing (additional servings, $.25).

Sizes: (ANY STYLE, ONE STYLE PER SIZE)

Squadron:	16 pieces	$5.45
Company:	32 pieces	$10.35
Wing:	48 pieces	$15.25
Fleet:	64 pieces	$19.50
Force:	Party Platter (25 lbs. & up)	$3.25/lb.

Side Orders:

Breaded and golden fried to perfection.

Mozzarella Stix:	$3.20
Zucchini Stix:	$3.20
Mushrooms:	$2.95
Onion Rings:	$2.25
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Hot Fries:	$2.95
Homemade Buttermilk Biscuits:	$.35
Homemade Cole Slaw:	$.85
Traditional or Multi-Grain French Bread Roll:	$.50
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Fresh-Grilled Chicken Breast Sandwich

Grilled 6 oz. fresh boneless breast of chicken with any one of our 12 homemade sauces served with a side order of delicious, homemade cole slaw! On your choice of Traditional French or Multi-Grain *Vie de France* French bread fresh from our ovens.....$5.45
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Our own Caesar Salad. Prepared with:
Freshly grilled chicken breast slices served on Romain lettuce tossed in homemade Caesar salad dressing, fresh Parmesan cheese and French bread croutons $6.25

Ben & Jerry's Ice Cream: ....$3.95 Pint

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Store Hours: 11:30AM-11PM Daily
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5PM-2AM Fri-Sat
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LUNCH SPECIAL: (served anytime): 10 pieces (any one style), fries & beverage $6.25
SPECIAL ASSIGNMENT: 32 pieces (any one style), pint of Ben & Jerry's ice cream and 2 beverages.....$13.95
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Fall Semester 1991

SEPTEMBER

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1	2 LABOR DAY	3 FIRST DAY OF CLASSES	4	5	6	7
8	9 Rosh Hashanah	10	11	12	13	14
15	16 Last Day: Schedule Adjustment; Apply for Dec. GRADUATION	17	18 Yom Kippur	19	20	21
22	23	24	25	26	27	28
29	30					

September 3 — Tuesday — First Day of Classes
September 16 — Monday — Last Day of Schedule Adjustment and to apply for December Graduation

OCTOBER

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21 Fall '91 Second Edition Schedule of Classes Available	22	23	24	25	26
27	28	29	30	31		

NOVEMBER

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
					1	2
3	4	5	6	7	8	9
10	11 Undergrad Students Last Day to drop course with "W" Grad Stud. last day to adjust schedule	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28 THANKSGIVING RECESS	29	30

November 11 — Monday
— Last Day for Undergraduates to drop a course with a "W"
— Last Day for Graduates to Adjust Schedule

DECEMBER

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1	2 Hanukkah	3	4	5	6	7
8	9	10 LAST DAY OF CLASSES	11 EXAM STUDY DAY	12 — FINAL —	13	14
15	16 — EXAMINATIONS —	17	18	19	20 Commencement	21
22	23	24	25 Christmas Day	26	27	28
29	30	31				

December 10 — Tuesday — Last Day of Classes
December 11 — Wednesday — Exam Study Day
December 12-19 — Thursday-Thursday — Final Examinations
December 20 — Friday — Commencement

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The Schedule of Classes is produced four times a year under the direction of the Office of Records and Registration at the University of Maryland, College Park.
Editor/Coordinator: Gardnel Dyson
Advertising: Beth Rhodes
Printing/Typesetting: Record Printing
For information on advertising in the Schedule of Classes, contact the Office of Records and Registration, 1113 Mitchell Building, University of Maryland, 301-441-2006.

For this purposes of this publication, the term University of Maryland refers only to the campuses prior to July 1, 1988. This includes the campuses at Baltimore, Baltimore County, College Park, Eastern Shore and University College.

JANUARY

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
			1 New Year's Day	2	3	4
5	6 Spring '92 Second Edition Schedule Of Classes Available	7	8	9	10	11
12	13	14	15	16	17	18
19	20 Martin Luther King Holiday	21 First Day Of Classes	22	23	24	25
26	27	28	29	30	31	

January 21 — Tuesday — First Day of Classes

FEBRUARY

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
						1
2	3 Last Day of Schedule Adjustment Last Day to Apply for May Graduation	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29

February 3 — Monday — Last Day of Schedule Adjustment
— Last Day to Apply for May Graduation

MARCH

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1	2	3	4 Ash Wednesday	5	6	7
8	9 S P R I N G	10 B R E A K	11	12	13	14
15	16	17	18	19	20	21
22	23 Fall '92 First Edition Schedule Of Classes Available	24	25	26	27	28
29	30	31				

March 9-15 — Monday-Sunday — Spring Break

APRIL

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
			1	2	3	4
5	6 Last Day For Undergraduates to drop a Couse with a "W"	7	8	9	10	11
12	13	14	15	16	17 Good Friday	18
19	20	21	22	23	24	25
26	27	28	29	30		

April 6 — Monday — Last Day for Undergraduates to Drop A Course With A 'W'
— Last Day for Graduates to Adjust Schedule

MAY

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
					1	2
3	4	5	6	7	8 Last Day of Classes	9
10	11 F I N A L	12 E X A M I N A T I O N S	13	14	15	16
17	18 Final Examinations	19 Commencement	20	21	22	23
24 31	25	26	27	28	29	30

May 8 — Friday — Last Day of Classes
May 11-18 Monday-Monday — Final Examination
May 19 — Tuesday — Commencement

SEPTEMBER 16th IS THE LAST DAY TO:

- **ADD A COURSE**
- **DROP A COURSE (WITHOUT A "W")**
- **CHANGE CREDIT LEVEL**
- **CHANGE GRADING OPTION**
- **APPLY FOR A DECEMBER 1991 DIPLOMA**
- **PROCESS A LATE REGISTRATION**

The **SECOND EDITION** of the Schedule of Classes should be used prior to the beginning of classes. The Second Edition reflects room, time and instructor changes made to course offerings since the First Edition was printed. It shows courses and/or sections added and omits courses and/or sections deleted since the First Edition.

The **FIRST EDITION** of the Schedule of Classes should be used only DURING EARLY REGISTRATION. As they occur, revisions will be posted in the first floor of the Mitchell Building.

The University of Maryland uses an individual student's social security number as his or her identification number for University records. If you do not wish the University to use your social security number for this purpose, write the Office of Registration, Mitchell Building, College Park, Maryland 20742. The University will then assign its own number to you for record keeping purposes.

The provisions of this publication are not to be regarded as an irrevocable contact between the student and the University of Maryland. Changes are effected from time to time in the general regulations, in fees, in class scheduling, and in the academic requirements.

6 Registration & Schedule Adjustment Procedures

IMPORTANT REGISTRATION DATES:

	REGISTRATION & SCHEDULE ADJUSTMENT	
THROUGH AUGUST 28 WALK IN	**9:00-11:30** **1:00-4:30**	**1130 MITCHELL BUILDING**
AUGUST 29-AUGUST 30 WALK IN	**8:45-11:45** **1:00-4:15**	**RECKORD ARMORY**
SEPTEMBER 3-4 WALK IN	**8:45-11:45** **1:00-5:00**	**RECKORD ARMORY**
	LATE REGISTRATION ($20.00 FEE) BEGINS SEPTEMBER 4th	
SEPTEMBER 5-6 WALK IN	**8:45-11:45** **1:00-4:15**	**RECKORD ARMORY**
SEPTEMBER 9-16 WALK IN	**9:00-11:30** **1:00-4:00**	**1130 MITCHELL BUILDING**
	NOTE: The University will be closed September 3rd for Labor Day	
	WAITLIST CHECK-IN*	
AUGUST 30-SEPTEMBER 6	**8:45-11:45, 1:00-4:15**	**RECKORD ARMORY**
SEPTEMBER 9-17	**8:45-11:45, 1:00-4:15**	**1130 MITCHELL BUILDING**

*Check your Waitlist form for initial check-in date.
SCHEDULE ADJUSTMENT PERIOD ENDS SEPTEMBER 16, 1991 (4:30 p.m.)

Students who process schedule adjustments during the first five days of classes (the busiest registration days of the semester) can expect to pick up registration appointment tickets at the front of the Armory (August 29th through September 6th).

NOTE: Newly admitted students MUST attend an orientation program, and will register at that time. Call the Orientation Office at 314-8217. Newly admitted students not attending orientation may NOT register until August 29.

Walk-In Registration is available through September 16th. Students who process schedule adjustments during the first five days of classes (the busiest registration days of the semester) can expect to pick up registration appointment tickets at the front of the Armory (August 29th through September 6th).

NOTE: Students on Academic Dismissal or Academic Warning at the end of the Spring 1991 semester are required to meet with an advisor prior to registering. Proof of advising will be required each time a change is made to the student's schedule. Students who do not meet with an advisor will not be allowed to register or make schedule adjustments for the Fall 1991 semester.

REGISTRATION LOCATION

Through August 28 ..... Walk-in; 9:00-11:30 a.m., 1:00-4:00 p.m., Room 1130 Mitchell Building
August 29-September 6 ..... Reckord Armory, Main Floor
September 9-16 ..... Walk-in; Room 1130 Mitchell Building
Please note: The University will be closed September 2, 1991

REVIEW COURSE LISTINGS FOR RESTRICTIONS

Some courses are restricted. All course restrictions are indicated with the course in the COURSE LISTING section of this SCHEDULE OF CLASSES. See page 30, HOW TO READ COURSE LISTINGS, for information. Courses with (PermReg) to the left of the course listing indicates permission is required prior to registering for the course. Read the entire course listing for other restrictions. Some courses are open to majors only, others have GPA or cumulative credit requirements. Read course listings carefully to determine if the course is restricted. Students planning to request restricted courses must go to the department offering the course for authorization, unless the course is listed as "Majors Only" and the student is officially listed as a major in that department. (In that case it is not necessary for the student to obtain authorization.) Students should be sure they have authorization prior to their registration appointment time.

OTHER RESTRICTIONS:

1. 19 Credit Limit — To register for more than 19 credits, students must have written approval of their Dean.
2. Undergraduates Requesting Graduate Level Courses — Students must have written approval of their Dean.
3. Time conflicts are not permitted. Exceptions to this policy require written approval of student's Dean.
4. Undergraduates Requesting Pass/Fail Grading Method — Refer to page 21 for Pass/Fail restrictions.
5. A student may register for a course NO MORE THAN TWO TIMES. A course dropped with a "W" notation will count as one of these two registrations. Each time a course is dropped with a "W" notation it will be counted as one of these registrations. Students who would like to register for a course more than two times will require permission from the Dean of their College.

WHAT TO BRING

A. Undergraduate students readmitted or reinstated for the Fall 1991 semester
1. Bring letter of readmission or reinstatement to Registration.
2. Reinstated students MUST be advised by their Dean or designated representative prior to Registration. Proof of advisement is required. Readmitted students are strongly urged to take advantage of the advisement offered by their college and department prior to Registration.

B. Undergraduate students newly admitted for Fall 1991 who did not attend an Orientation program may not register until August 29.
1. Take your "Offer of Admission" letter to the office of the Dean of your College for advisor assignment.
2. Report to the assigned advisor for course advisement.
3. After your "Offer of Admission" letter has been signed by the Dean or a designated representative, report to registration at your appointment time.

COMPLETE REGISTRATION FORM (New Registrants Only) prior to entering the terminal area. Make sure you are eligible for all courses requested. Registration Forms will be available at all College locations, department offices, Reckord Armory, and Mitchell Building.

CHECK CLOSED COURSE LISTINGS at Registration.

PROCEED TO TERMINAL AREA where your registration will be processed. **Students must keep copies of their Schedule Request Form for their records.**

HOW TO PAY YOUR BILL

August 20-28 ..... Room 1103 Lee Building
August 29-September 6 ..... Record Armory or 1103 Lee Building
September 9 and after ..... 1103 Lee Building

1. Process registration. Bills must be paid in full by 3:00 p.m. of the following business day or registration will be cancelled.
2. Complete the student Bill Form given to you upon entrance to the Bill Paying Area.
4. Go to the Bill Processing Area to get bill added.
4. Make out your check at the Check Writing Tables. **Write student's name and social security number on the front of the check.**
5. Pay the Cashier.
6. A graduate student or part-time undergraduate who returns to add course(s) which result in a net increase to his/her account must pay this amount at the time of registration.

OBTAIN ID CARDS/REGISTRATION CARDS after completing all transactions (see page 15 for ID card/registration card description). Students who need a Photo ID and/or semester registration card must present proof of bill payment at the Registration Office, First Floor Lobby, Mitchell Building, 8:30 a.m.-4:30 p.m.

PARKING REGISTRATION. See parking registration information on page 7.

Schedule Adjustment Procedures — through September 16th

Walk-In Registration is available through September 16th. Students who process schedule adjustments during the first five days of classes (the busiest registration days of the semester) can expect to pick up registration appointment tickets at the front of the Armory (August 29th through September 6th).

NOTE: Students on Academic Dismissal or Academic Warning at the end of the Spring 1991 semester are required to meet with an advisor prior to registering. Proof of advising will be required each teim a change is made to the student's schedule. Students who do not meet with an advisor will not a allowed to register or make schedule adjustments for the Fall 1991 semester.

Schedule Adjustment locations:
Through August 28 — Rom 1130 Mitchell Building — Walk-in 9:00-11:30; 1:00-4:00
August 29-September 6 — Reckord Armory, Main Floor
September 9-16 — Room 1130 Mitchell Building — Walk-in.

Please note: The University will be closed September 2, 1991 for Labor Day.

The Schedule Adjustment Period ends September 16, 1991.

A. TO ADD
Complete a Schedule Adjustment Form. Make sure you are eligible for the requested course (check Course Listings for restrictions, page 30-94. Check Closed Course listings at Registration. Bring Photo I.D. and registration Card.

B. TO DROP
Complete a Schedule Adjustment Form. Bring Photo I.D. and Registration Card.

C. TO PROCESS
1. SECTION CHANGE
   a. Complete a Schedule Adjustment Form. Bring Photo I.D. and Registration Card.
   b. After September 16, 1991 a Section Change Form should be used.
2. GRADING OPTION CHANGE/CREDIT LEVEL CHANGE
   a. Complete a Schedule Adjustment Form.

THE ABOVE TRANSACTIONS ARE OFFICIAL ONLY WHEN THE STUDENT RECEIPT HAS BEEN VERIFIED WITH A REGISTRATION STAMP. STUDENTS MUST KEEP COPIES OF THEIR SCHEDULE REQUEST/SCHEDULE ADJUSTMENT FORM FOR THEIR RECORDS.

The forms necessary to complete the above Schedule Adjustments are available at the following locations.

Registration Counter — 1st floor lobby, Mitchell Building; Monday-Friday, 8:30 a.m. to 4:30 p.m.

Registration Center — Room 1130, Mitchell Building; Monday-Friday, 8:30 a.m. to 4:30 p.m.

Reckord Armory — August 29-September 6, 1991 according to published hours above.

BILL PAYMENT PROCEDURES FOR STUDENTS WHO REGISTERED EARLY

Pay bill at the following locations:
August 28 — Rm. 1103 Lee Building
August 29-September 6 — Reckord Armory or Rm. 1103 Lee Building
September 9 and after — Rm. 1103 Lee Building

Instructions:
1. Make any academic schedule adjustments.
2. Go to the Cashiers Window in the Lee Building and make your payment.
3. Any drop/add which results in a net increase for your account must be paid at the time of registration.
4. Any registered student whose bill is to be paid by an outside agency is requested to come to Room 1103, Lee Building with a copy of the Agency Purchase Order prior to Registration to receive contract credit. The cut-off date for acceptance of all contracts is September 3, 1991. The student remains responsible for fees if not paid by sponsor.

Students who registered early received a schedule and bill in the mail which indicated a payment due date. PAYMENT FULL MUST BE MADE NO LATER THAN THE DATE INDICATED. Students who register after August 19, 1991 must be prepared to pay their bills in full by 3:00 p.m. the following business day or their registration will be cancelled.

For additional information on fees and expenses, refer to page 11.

FINANCIAL AID CHECKS (Perkins Loan, PELL SEOG)
Students may pick up their financial aid checks (after securing at least 12 credits). **ALL STUDENTS MUST MAKE AN APPOINTMENT TO PICK UP A FINANCIAL AID CHECK. APPOINTMENTS CAN BE MADE BY CALLING 405-9025.** All students must present proof of the required credit hours and their photo ID card or driver's license before a check can be disbursed.

Graduate Student Registration Procedures 7

Graduate Students — Summary of Fall Semester 1991 Deadlines

August 9 ..... Last day for mail-in registration
September 2 ..... Labor Day Holiday
September 3 ..... First Day of Classes
September 3 ..... Late Registration Begins through September 16
September 16 ..... Last day to submit applications for the December 1991 Commencement to the Registration Counter, Mitchell Building
September 23 ..... DOCTORAL STUDENTS: deadline for submission of the following materials to the Graduate Records Office for December 1991 Commencement:
— Nominations of Dissertation Committee form
October 14 ..... MASTER'S STUDENTS: deadline for submission of the following materials to the Graduate Records Office for December 1991 Commencement:
— Approved program form
— Nomination of Thesis Committee form
November 11 ..... Last day to adjust schedule
November 27 ..... DOCTORAL STUDENTS: deadline for submission of the following materials to the Graduate Records Office for December 1991 Commencement:
— Two final, acceptable copies of the completed dissertation
— The original signed Report of the Oral Examining Committee
— Survey of Earned Doctorates
— UMI Microfilm Contract
— UMI/UMCP Agreement
December 4 ..... MASTER'S STUDENTS: deadline for submission of the following materials to the Graduate Records Office for December 1991 Commencement:
— The original signed Report of the Oral Examining Committee
— Two final, acceptable copies of the Master's Thesis OR Certificate of Completion of Master's Degree Without Thesis
December 10 ..... Last day of classes
December 20 ..... COMMENCEMENT

Attention Thesis and Dissertation Students

The Office of Graduate Studies and Research has prepared a handbook to assist graduate students in the preparation of master's theses and doctoral dissertations. The handbook is available in the Graduate Records Office, 2117 Lee Building. All graduate students preparing a thesis or a dissertation are required to follow the format requirements outlined in this booklet. Comments and suggestions for improving the presentation of the guidelines are welcome and encouraged

As of July 1, 1987, the Office of Graduate Studies and Research instituted a formal thesis and dissertation format review procedure. All graduate students writing a thesis or dissertation are required to have that thesis or dissertation inspected and approved by the Graduate Student Affairs Office. Theses and dissertations which do not meet the expected minimum standards, as outlined in the handbook, will not be accepted, thus graduation may be delayed. Details about these requirements may be obtained in the Graduate Records Office, 2117 Lee Building.

Schedule Adjustment — For Graduate Students who have previously registered for Fall 1991 and wish to drop, add, change sections, grading method, or credit level, see Registration Dates and Schedule Adjustment Procedures on page 6. Walk-in Registration is available through September 16th. Students who process schedule adjustments during the first five days of classes (the busiest registration days of the semester) can expect to pick up registration appointment tickets at the front of the Armory (August 29th through September 6th).

For students not yet registered — Any previously admitted, elibible graduate student who has not yet registered for the 1991 semester, may still do so. Each Department/Program will control the distribution of materials for Graduate Students. Walk-in Registration is available through September 16th. Students who process schedule adjustments during the first five days of classes (the busiest registration days of the semester) can expect to pick up registration appointment tickets at the front of the Armory (August 29th through September 6th.

STEP 1 — Your department/program has indicated their requirements in the Graduate Registration Procedure Chart (see page 8). Review the chart to determine departmental requirements based on status as a newly admitted or returning graduate student.
NEWLY ADMITTED: Any student receiving an admission letter from the Graduate School for Fall 1991.
RETURNING STUDENT: Any student admitted to a Graduate program prior to and including Summer 1991, and currently eligible to register.

STEP 2 — If advising is mandatory, or Orientation is required contact the department for information and advising arrangements. Department will stamp the form if advising is mandatory. Please note that Orientation refers to individual department programs, not the general Graduate Orientation Program.

STEP 3 — If no advising is required contact your department program office about distribution of the Graduate Schedule Request Form.

STEP 4 — See individual course listings for restrictions. All course restrictions are indicated with the course in the COURSE LISTING section of this SCHEDULE OF CLASSES. See page 30, HOW TO READ COURSE LISTINGS, for information. Courses with (Per-(PermReq) to the left of the course listing indicates permission is required prior to registering for the course. Read the entire course listing for other restrictions. Students requesting Restricted Courses must go to the department offering the course to obtain authorization. If the course is indicated as "Majors Only" and the student is **officially** listed as a major in that department, it is not necessary to obtain an authorization.

STEP 5 — Consult Graduate Registration Procedure Chart to determine where the Graduate Schedule Request Form is to be collected. If the Schedule Request Form is to be returned to the Registration Office, walk-in Registration is available through September 16th. Students who process schedule adjustments during the first five days of classes (the busiest registration days of the semester) can expect to pick up registration appointment tickets at the front of the Armory (August 29th through September 6th 1991.

STEP 6 — a. Students who register between July 9, 1991 must pay tuition and fees by August 16, 1991.
b. Students who register between July 22 and August 16 must pay tuition and fees by September 6, 1991.
c. Students who register after August 16 must pay by the close of business on the Monday following their registration or registration will be cancelled.
The Bursars Office is located in the Lee Building. Bills can also be paid in the Reckord Armory August 29-September 4.

STEP 7 — Students who need a Photo ID and/or Semester Registration Card must present proof of bill payment at the Registration Office, First Floor Lobby, Mitchell Building, 8:30 a.m.-4:30 p.m., Monday through Friday.

Continuous Registration

(Doctoral Students Only)
Following advancement to candidacy by the Graduate Council for the doctoral degree, every graduate student must register each fall and spring semester until the degree is awarded. Contact the Graduate Records Office for more complete information 405-4204.

Graduate Student Refund Schedule for Dropping Courses

Graduate students are charged by the credit hour. A percentage charge and/or complete charge for the course may be imposed if the deadlines indicated below are not followed.

1. August 30 and earlier (prior to the first day of classes) ..... 100% refund
   there will be no charge for courses *dropped* by this date.
2. September 3-9 (first five days of classes) ..... 80% refund
   There will be a 20% charge imposed for courses *dropped* during this period.
3. September 10 and after ..... 0% refund
   Students will incur full charge for courses *dropped* during this period.

Students who wish to drop one course and add another at the same credit level must accomplish both transactions on the *same* day to insure additional charges are not imposed.

Refer to Summary of Fall Semester Deadlines for other important dates.

Waitlist Information — see chart on page 6 for dates and locations

A waitlist is a sequential file of students, in "first come, first served" order of their requests, who are waiting to get into a closed course should a seat open at some future time. Not all courses have waitlists; it is up to the department to offer the waitlist option.

Being placed on a waitlist is not a guarantee that the student will receive the course. A student may not waitlist a section of a course if that student is currently registered for another section of the same course.

When waitlisting a course, the student should have other options in case no seats become available in the desired course. Students who decide to waitlist a closed course may select up to six sections. No priority is assigned to these sections. Therefore, students are strongly urged not to waitlist a section which will conflict with existing scheduled courses.

Students may sign up for a waitlist during early registration or schedule adjustment. A form will be issued at this time. Please read this form carefully for detailed waitlist check-in instructions.

Parking Registration Information

WHO??
All students who plan to attend the University during the Fall 1991 semester and who plan to park a motor vehicle on campus must register with the Department of Campus Parking (DCP) for a parking permit or park at a paid meter.
PLEASE NOTE: FRESHMAN AND SOPHOMORE CAMPUS RESIDENT STUDENTS ARE PROHIBITED FROM REGISTERING FOR A PARKING PERMIT. FOR MORE INFORMATION CONTACT THE DCP OFFICE AT 314-PARK.

WHEN??

WALK-IN REGISTRATION

Date	Time	Location
August 14th-30th	8:30 a.m.-4:00 p.m.	Department of Campus Parking Parking Garage 2, Bldg. #202 Regents Drive
September 2, 1991 (Labor Day)	CLOSED	
September 3rd and 4th	8:30 a.m.-6:00 p.m.	DCP Office
September 5th and later	8:30 a.m.-4:00 p.m.	DCP Office

Your new hanging permit must be displayed by September 3, 1991.

HOW??
1. **BRING YOUR STUDENT I.D. CARD**
2. Pick up the complete UMCP-DCP Application for Student Parking Registration. The student parking registration fee is $75.00 for campus resident students and $40.00 for commuter students. Check, cash, or credit card (Mastercard or Visa) payment is required.
3. You will receive a hanging permit and the UMCP Campus Parking Map and Informational Parking Guide.

Bicycles and Mopeds

Bicycles and mopeds (not requiring license registration) need not be registered, but should be parked in bicycle racks provided on campus. Securing or parking a bicycle or moped in any manner which would obstruct vehicles or pedestrians is prohibited. Bicycles or mopeds parked in violation will be subject to impoundment.
A bicycle or moped locked to any part on either side of the railing of an access ramp could make entering or exiting the building difficult or impossible for a person with a disability. The lock, the handlebars, the seat, the wheels — anything — could cause an obstruction at exactly the place a person needs to use the railing for its intended purpose. Bicycles or mopeds that obstruct an access ramp that is part of an exit are in violation of the Maryland Fire Prevention Code and subject to impoundment.

Handicapped Parking

All persons associated with the University (including those displaying a State Handicapped permit or tag) must purchase and display a UMCP-DCP hanging permit for the current year. At the time of registration, the person must submit a copy of **their approved** State of Maryland Disabled Person's Parking Permit application or other appropriate state-issued documentation. Upon issuance of the UMCP-DCP hanging permit, an additional UMCP-DCP handicapped permit will be issued at no charge.
The UMCP-DCP permits must be used in conjunction with the State Handicapped permit or tag in order to use handicapped spaces, unpaid parking meters or any ungated parking lot on campus, except for service or courier spaces.

IMPORTANT NOTICE

The Department of Campus Parking is anticipating congested parking conditions during the Fall 1991 semester. During the first month of classes, parking will be especially difficult and you may find yourself parking in an inconvenient overflow area. As your schedule allows, the earlier you arrive on campus the better chance you have to find a more convenient parking place. Our experience tells us that "hunting" in a full parking lot is less effective than driving directly to your overflow lot and walking from there.

Questions regarding parking registration should be referred to the Department of Campus Parking, 314-PARK.

Graduate Registration Procedure Chart

DEPARTMENT/PROGRAM		LOCATION	STUDENT STATUS			
			Newly Admitted Students		Returning Students	
			Advising	Return completed Forms to:	Advising	Return completed Forms to
ADVP	Animal Sciences	4149 Animal Sci Center	Mandatory	Registrations Office	Mandatory	Registrations Office
AEED	Agricultural & Extension Education	0200 Symons Hall	Mandatory	Registrations Office	Mandatory except 799-899	Registrations Office
AGRO	Agronomy	1109 H J Patterson	Mandatory	Registrations Office	Mandatory	Registrations Office
AMST	American Studies	2140 Tallaferro	Mandatory	Registrations Office	Optional	Registrations Office
ANTH	Anthropology	1115 Woods Hall	Mandatory	Department	Mandatory	Department
ARCH	Architecture	1298 Architecture	Mandatory	Registrations Office	Optional	Registrations Office
AREC	Agricultural & Resource Economics	2210 Symons Hall	Mandatory	Registrations Office	Mandatory	Registrations Office
ARTH	Art History & Archeology	1211 Art/Socy	Mandatory	Registrations Office	Mandatory	Registrations Office
ARTT	Art Studio	1211 Art/Socy	Optional	Registrations Office	Optional	Registrations Office
ASTR	Astronomy	1205 Space Sci	Mandatory	Registrations Office	Mandatory except 799-899	Registrations Office
BCHM	Biochemistry	1320 Chemistry	at Orientation	at Orientation	Mandatory	Department
BMGT	Business and Management BMBA Masters of Business Administration BMSB Master of Science BPHD Ph.D. Program	3104 Tydings Phd: 0139 Tydings	MBA permission of Director MS see faculty advisor or Director PhD at Orientation		MBA Optional MS Optional PhD Optional	Department Department Department
BMPM	Business Public Affairs	See BMGT and MAPM	N/A	N/A	N/A	N/A
BOTN	Botany	1223 H.J. Patterson	at Orientation	Registrations Office	Optional	Registrations Office
CHEM	Chemistry	1320 Chemistry	at Orientation	at Orientation	Mandatory	Department
CHPH	Chemical Physics	1126 Physics Bldg	Optional	Registrations Office	Optional	Registrations Office
CLAS	Classics	4220 Jimenez	Mandatory	Registrations Office	Optional	Registrations Office
CMLT	Comparative Literature	4220 Jimenez	Mandatory	Registrations Office	Mandatory	Registrations Office
CMPL	Community Planning	1113 LeFrak Hall	Mandatory	Registrations Office	Mandatory	Registrations Office
CMSC	Computer Science	1119 A.V. Williams	Mandatory	Registrations Office	Mandatory	Registrations Office
CONS	Sustainable Development and Conservation Biology	3210 Zoo/Psyc Bldg.	Mandatory	Registrations Office	except 799/899	Registrations Office
CRIM	Criminal Justice & Criminology	2220 LeFrak Hall	at Orientation	at Orientation	Optional	Registrations Office
CRWR	Creative Writing	1141 Tallaferro	Optional	Registrations Office	Optional	Registrations Office
DANC	Dance	1116 Temp. Bldg. EE	Mandatory	Registrations Office	Mandatory	Registrations Office
ECON	Economics	3115L Tydings	Mandatory	Department	Optional except 799/899	Department
EDCI	Curriculum and Instruction	2311 H.R. Benjamin	Mandatory	Registrations Office	Optional	Registrations Office
EDCP	Counseling and Personnel Services	3214 H R Benjamin	Mandatory	Registrations Office	Mandatory except 799/899	Registrations Office
EDHD	Human Development	3304 H.R. Benjamin	Mandatory	Registrations Office	Optional	Registrations Office
EDIT	Industriel, Technological and Occupational Education	3216 J.M. Patterson	Mandatory	Registrations Office	Mandatory	Registrations Office
EDMS	Measurement, Statistics and Evaluation	4107 H.R. Benjamin	Optional	Registrations Office	Optional	Registrations Office
EDPA	Policy, Planning and Administration	2110 H.R. Benjamin	Optional	Registrations Office	Optional	Registrations Office
EDSP	Special Education	1304 H.R. Benjamin	Mandatory	Registrations Office	Optional	Registrations Office
ENAE	Aerospace Engineering	0151 Engr Classroom Bldg	Mandatory	Department	Mandatory	Registrations Office
ENAG	Agricultural Engineering	1130 Shriver Lab	Mandatory	Registrations Office	Mandatory	Registrations Office
ENCE	Civil Engineering	1179 Engr Classroom Bldg	Optional	Registrations Office	Optional	Registrations Office
ENCH	Chemical Engineering	2115 Chem Engr Bldg	Mandatory	Department	Mandatory	Department
ENEE	Electrical Engineering	3181 Engr Classroom Bldg	Optional	Registrations Office	Optional	Registrations Office
ENFP	Fire Protection Engineerig	0147 Engr Classroomm Bldg	Mandatory	Department	Mandatory	Department
ENGL	English	1141 Tallaferro	Optional	Registrations Office	Optional	Registrations Office
ENMA	Engineering Materials	2115 Chem Engr Bldg	Mandatory	Department	Mandatory	Department
ENME	Mechanical Engineering	2166 Engr Classroom Bldg	Mandatory	Registrations Office	Mandatory	Registrations Office
ENNU	Nuclear Engineering	2309 Chem Engr Bldg	Optional	Registrations Office	Optional	Registrations Office
ENRE	Reliability Engineering	2141 Chem Engr Bldg	Optional	Registrations Office	Optional	Registrations Office
ENSE	Systems Engineering	2101 A.V. Williams Bldg	Mandatory	Registrations Office	Mandatory	Registrations Office
ENTM	Entomology	1300 Symons Hall	Mandatory	Registrations Office	Mandatory	Registrations Office
FDSC	Food Service	1122A Holzapiel	Mandatory	Registrations Office	Mandatory	Registrations Office
FMCD	Family and Community Development	1204 Marie Mount	Optional	Registrations Office	Optional	Registrations Office
FRIT	French Language and Literature	3106D Jimenez	Mandatory	Registrations Office	Mandatory	Registrations Office
GEOG	Geography	1163 LeFrak Hall	Mandatory	Registrations Office	Mandatory	Registrations Office
GELS	Geography and Library Science	See GEOG & LBSC	N/A	N/A	N/A	N/A
GEOL	Geology	1115 Geology Bldg	Mandatory	Registrations Office	Mandatory	Registrations Office
GERS	Germanic Language and Literature	3215 Jimenez	Mandatory	Registrations Office	Mandatory	Registrations Office
GRAD	Advanced Special Student	2117 Lee Bldg.	Not Required	Registrations Office	Not Required	Registrations Office
GVPT	Government & Politics	2181 LeFrak Hall	at Orientation	at Orientation	Optional	Registrations Office
HESP	Hearing and Speech Sciences	0100 LeFrak Hall	Mandatory	Registrations Office	Mandatory	Registrations Office
HILS	History Library and Information Services	see LBSC	N/A	N/A	N/A	N/A
HIST	History	2117 Francis Scott Key	Mandatory	Registrations Office	Mandatory except 799/899	Registrations Office
HLTH	Health Education	2387 HLHP Bldg	at Orientation	at Orientation	Optional	Registrations Office
HNFS	Human Nutrition and Food Systems	3304 Marie Mount	Mandatory	Department	Mandatory except 799/899	Registrations Office
HORT	Horticulture	1122 Holzapiel	Mandatory	Registrations Office	Mandatory except 799/899	Registrations Office
JOUR	Journalism	2109 Journalism	Mandatory	Registrations Office	Mandatory	Registrations Office
KENS	Kinesiology	2351 HLHP Bldg	Mandatory	Registrations Office	Mandatory except 799/899	Registrations Office
LBSC	Library and Information Services	4110 Hornbake	Mandatory	Department	Mandatory	Department
LING	Linguistics	1107 Mill Bldg	Mandatory	Registrations Office	Optional	Registrations Office
LMBA	Business Law Combined	3104 Tydings	see admit letter		Mandatory	Department
LMPM	Public Menegement Law Combined	See MAPM	N/A	N/A	N/A	N/A
MAPL	Applied Mathematics	1112 Math Building	by appointment	at appointment	Optional	Department
MAPM	Public Menegement	3104 Tydings Hall	Mandatory	Department	Mandatory	Registrations Office
MAPP	Public Policy	1218 LeFrak Hall	Mandatory	Department	Mandatory	Registrations Office
MATH	Mathematics	1112 Math Building	by appointment or at GA Orient	at appointment or Orientation	Optional	Department
MEES	Marine-Estuarine-Environmental Sciences	0313 Symons Hall	Mandatory	Registrations Office	Mandatory	Registrations Office
METO	Meteorology	2207 Space Sci	at Orientation	Registrations Office	Mandatory except 799/899	Registrations Office
MICB	Microbiology	2131 Skinner	Mandatory	Registrations Office	Mandatory	Registrations Office
MOCB	Molecular and Cellular Biology	2504 Chemistry Building	Mandatory	Registrations Office	Mandatory	Registrations Office
MUSC	Music	2110 Tawes	Mandatory	Registrations Office	Mandatory	Registrations Office
NUSC	Nutritional Sciences	2145 Animal Science	Mandatory	Registrations Office	Mandatory except 799/899	Registrations Office
PCOM	Public Communication	2109 Journalism	Optional	Registrations Office	Optional	Registrations Office
PHIL	Philosophy	4360 Computer Science Center	Mandatory	Registrations Office	Mandatory	Registrations Office
PHYS	Physics	1120 Physics Bldg	Mandatory	Department	Mandatory except 799/899	Registrations Office
POSI	Policy Studies	1212 LeFrak Hall	Mandatory	Department	Mandatory	Registrations Office
POUL	Poultry Science	3129 Animal Sci Center	Mandatory	Registrations Office	Mandatory except 799/899	Registrations Office
PSYC	Psychology	1147 Zoo Psyc Bldg	Mandatory	Department	Mandatory	Department
RECR	Recreation	2367 HLHP Bldg	Mandatory	Department	Mandatory	Department
RTVF	Radio-Television-Film	0123 Tawes	Mandatory	Registrations Office	Mandatory	Registrations Office
RUSS	Russian	3215 Jimenez	Mandatory	Registrations Office	Mandatory	Registrations Office
SOCY	Sociology	2108 Art/Socy Bldg	Mandatory	Department	Mandatory except 799/899	Department
SPAP	Spanish Language and Literature	2215 Jimenez	Mandatory	Registrations Office	Mandatory	Registrations Office
SPCM	Speech Communication	0148A Tawes	Mandatory	Registrations Office	Mandatory	Registrations Office
STAT	Mathematical Statistics	1112 Math Bldg	Mandatory at appointment or at GA Orient	at appointment or Orientation	Mandatory	Department
THET	Theatre	0240 Tawes	Mandatory	Registrations Office	Mandatory	Registrations Office
TOXI	Toxicologhy	0300 Symons Hall	Mandatory	Registrations Office	Mandatory	Registrations Office
TXCE	Textile and Consumer Economics	2100 Marie Mount	Mandatory	Registrations Office	Mandatory except 799/899	Registrations Office
URBS	Urban Studies and Planning	1113 LeFrak Hall	Mandatory	Registrations Office	Mandatory	Registrations Office
ZOOL	Zoology	3210 Zoo/Psyc Bldg	Mandatory	Registrations Office	Optional	Registrations Office
INTERCAMPUS ENROLLMENT PROGRAM: UMAB UMBC UMES UMUC						
Intercampus Student		2125 Lee Bldg	at Home Campus	Graduate School at Host Campus Intercamp Form MUST be attached	at Home Campus MUST be attached	Graduate School at Host Campus Intercamp Form

Tuition Remission for Faculty and Staff

Every semester an approved Tuition Remission form must be turned in to the College Park Personnel Services Office in order to receive credit on the student bill for courses taken by faculty and staff members. The authorizing department will forward this form directly to the Personnel Services Office. Each faculty and staff member should check with his/her department to ascertain that the proper forms have been submitted before the scheduled deadlines.

Tuition remission forms for students who registered early must be RECEIVED by the campus personnel office BEFORE August 16, 1991. Students who register after August 16, 1991 must submit the Tuition Remission Form and settle their account in full by 3:00 p.m. the following business day. ALL FORMS MUST BE SUBMITTED NO LATER THAN AUGUST 30, 1991.

Published deadlines and procedures for admission, readmission or reinstatement and registration apply to University faculty and staff who wish to take courses.

Questions regarding admission? Contact admissions Office, 314-8385.
Questions regarding registation? Contact Registration Office, 314-8240.
Questions regarding employee remission of tuition?
Contact Staff Benefits Office 405-5654.

Teacher's Registration

WHO?
Teachers who have previously been admitted to the University of Maryland College Park Campus, either graduate or undergraduate, and who were not enrolled for Spring 1991.

Undergraduate Students — Apply for readmission at the Office of Undergraduate Admissions, lower level, Mitchell Building 314-8382 where a registration form will be issued. See page 6 for Fall 1991 registration procedures.

Graduate Students — Check with Graduate School Admissions 405-4198, to determine eligibility. **See page 7 for Fall 1991 registration procedures for all Graduate Students.**

UNDERGRADUATE STUDENTS WITH QUESTIONS CONCERNING TEACHER REGISTRATION SHOULD CALL 405-2350. GRADUATE STUDENTS WITH QUESTIONS CONCERNING TEACHER REGISTRATION SHOULD CALL 405-2353.

Faculty-Staff Registration Procedures

Faculty and Staff who wish to register for courses must be admitted to the University as an undergraduate or graduate student prior to registration. Follow the steps listed below.

STEP 1 — Contact department representative responsible for processing Tuition Remission forms. Complete the forms and make sure that they are forwarded to the Personnel Office, 1101 Administrative Services Building.

DEADLINE TO SUBMIT TUITION REMISSION FORM FOR FALL 1991
Early Registrants — before August 16, 1991
Students who register after August 16 — Remission of Tuition from must be submitted by 3:00 p.m. of the following business day.
All forms must be submitted by August 30, 1991

STEP 2 — Contact appropriate admissions office:
Undergraduate — Mitchell Building (Basement) 314-8385
Graduate — Lee Building (Second Floor), 405-4198
Non-degree seeking faculty — Contact Jane Graham, 1108 Mitchell Building, 314-8239
(Registration is on a space available basis.)

STEP 3 — Follow appropriate Registration Procedures:
For Undergraduate students see page 6.
For Graduate students see page 7.

FACULTY/STAFF ARE ENCOURAGED TO REGISTER AS EARLY AS POSSIBLE.

The Consortium of Universities of the Washington Metropolitan Area

The consortium of Universities of the Washington Metropolitan Area consists of American University, The Catholic University of America, Gallaudet University, George Mason University, George Washington University, Georgetown University, Howard University, Marymount University, Mt. Vernon College, Trinity College, University of the District of Columbia, and the University of Maryland at College Park. Students enrolled in these institutions are able to attend certain classes at other campuses and have the credit considered "residence" credit at their own institution. Payment of tuition for courses will be made at the student's home campus. Any eligible degree seeking graduates and undergraduates may participate in this program according to the following stipulations.

a. Golden ID students are not eligible to enroll in courses through the Washington Area Consortium with waiver of fees.
b. Neither the faculty and staff tuition remission program (this includes assistantships, fellowships, etc.) nor the partial tuition waiver program for spouses and dependents of University of Maryland employees may be used for courses taken through the Washington Area Consortium.

Students whose fees are remitted through these programs and who are interested in enrolling in courses at Consortium schools will be expected to pay for the course or courses at the appropriate College Park credit hour rate for the semester in which they enroll.

A. Procedure for UMCP Students

Eligible Graduate Students
1. Must be degree seeking.
2. Need approved of the Departmental Director of Graduate Studies.
3. No more than 25% of course credits may be taken at other consortium schools.
4. Pratica, internships, workshops and similar experimental learning courses cannot be taken at other consortium schools.
5. **Comparable courses offered at UMCP may not be taken through the Consortium.**

Eligible Undergraduate Students
1. Must be degree seeking.
2. Must have junior standing (56 credits). An exception to this policy is approval for courses in Army and Navy ROTC programs.
3. Need prior written approval of the following:
   a. The student's major department.
   b. The comparable UMCP department if the course is outside the major department.
   c. The student's Dean.
4. Practica, internships, workshops and similar experimental learning courses cannot be taken at other consortium schools.
5. **Comparable courses offered at UMCP may not be taken through the Consortium.** The intention is to allow students to take an occasional course to augment a program rather than to develop an individual program.

Registration for UMCP Students
1. Contact the department offering the course at the institution to be visited. This will determine if the course is open to consortium students and if there are any special conditions, i.e., prerequisites, special fees. Special fees must be paid directly to the visited institution.
2. Contact the consortium coordinator in the UMCP Registration Office, to obtain the "Permission to Enroll in the Consortium Program" form. (Complete one form for each institution at which you wish to take courses.)
3. Acquire appropriate approvals and signatures on the "Permission to Enroll in the Consortium" form and return to the UMCP consortium coordinator. **Permission will not be granted if a comparable course is offered at UMCP.**
4. Pass, Fail or audit grading options are not permitted for consortium courses.
5. A Consortium Registration Form will be filled out with the consortium coordiator.
6. A copy of this form will be used as an identification card at the visited institution.
7. Show identification card (registration form copy) to the instructor of the course to confirm enrollment, but keep the card.
8. If the course is cancelled or if you change or drop the course, immediately contact the consortium coordinator at UMCP.
9. UMCP course change deadlines apply for students visiting other consortium institutions.
10. Grades earned by College Park students at other Consortium institutions in courses taken through the Consortium arrangement will be converted into the College Park grading system. These grades are used in the calculation of the cumulative grade point average.
11. Courses taken for credit through the Consortium in the student's final thirty hours must have prior approval from the office of the dean.

NOTE: Consortium courses will be included in the semester credit load of 12 hours for financial aid purposes.

Only the following George Washington University, NROTC courses will apply to UMCP degrees.

NS 051	Introduction to Naval Science (2 credits)
NS 126	Seapower In Maritime Affairs (3)
*NS 150	Navigation (3)
NS 160	Evolution of Warfare (3)
NS 175	Leadership and Management I (3)
NS 176	Leadership and Management II (2)

* Prior to Fall 1987 NS150 — Navigation is not applicable for UMCP degree programs.

B. Procedure for Visiting Students

Students from other consortium schools may register for University of Maryland. College Park courses on a space available basis beginning with the first day of classes, September 3, 1991 for the Fall 1991 semester. Visiting consortium students are not eligible to register for Instructional Television courses or professional education courses.

Students will be expected to meet all prerequisites of UMCP courses. Also, prior approval will be required for courses restricted to specific UMCP majors and permission only courses. See individual course listings in this SCHEDULE for course restriction information. Also, see page 30 "How to Read Course Listings." **Visiting students must register at both their home campus and at UMCP.**

1. Contact the UMCP consortium coordinator on 314-8239 at the Public Inquiry Office.
2. Fill out UMCP Schedule Request form with requested courses.
3. A visiting student cannot audit any UMCP courses.
4. Present to the UMCP coordinator the third copy of the Consortium Registration Form completed by your home campus.
5. The coordinator will officially register you for the UMCP courses. Please keep copies of the Schedule Request/Schedule Adjustment form for your records.
6. If the course is cancelled or if you change or drop the course, immediately contact the consortium coordinator at the visiting campus and your home campus.

Dates Classes Begin for Consortium Schools

American University	September 3
Catholic University	August 28
Gallaudet University	September 3
George Mason University	September 3
George Washington University	September 3
Georgetown University	August 23
Howard University	August 26
Marymount University	September 3
Mount Vernon College	August 26
Trinity College	September 4
University of the District of Columbia	August 26
University of Maryland, College Park	September 3

10 Deadlines

Summary of Fall Semester 1991 Deadlines

Type of Change	Last Day to Process Change
ADD A COURSE	September 16
CANCEL REGISTRATION for Fall 1991	August 30
CANCEL RESIDENT LIFE (ON-CAMPUS) HOUSING/DINING SERVICES with loss of Housing Reservation Fee but no cancellation charges	July 9
CHANGE FROM FULL-TIME TO PART-TIME (Undergraduates) for billing purposes	see Penalties for Drops on this page
change CREDIT LEVEL	September 16
DIPLOMA APPLICATION for December 1991 Graduation (and diploma dated December 1991)	September 16
DROP A COURSE — UNDERGRADUATE STUDENT (For billing purposes students maintaining full-time status **ONLY**)	
* without "W" mark	September 16
with "W" mark (4 credit drop limit)	November 11
DROP A COURSE WITH REFUND (Graduate Students & Part-time Undergraduates only)	See Penalties for Drops on this page
change GRADING OPTION	September 16
GRADUATE MAIL-IN REGISTRATION	August 9
GRADUATE STUDENTS — LAST DAY TO ADJUST SCHEDULE (Graduate student does not receive a "W")	November 11
process a LATE REGISTRATION	September 16
LAST DAY TO WITHDRAW FROM ALL COURSES	
WITHDRAW WITH 100% REFUND (CANCEL)	August 30
WITHDRAW WITH 80% REFUND	September 16
WITHDRAW WITH 60% REFUND	September 23
WITHDRAW WITH 40% REFUND	September 30
WITHDRAW WITH 20% REFUND	October 7
WITHDRAW WITH 0% REFUND	December 10

GO TO ROOM 1101 MITCHELL BLDG. TO PROCESS A WITHDRAWAL. SEE PAGE 12 FOR WITHDRAWAL INFORMATION.

SCHEDULE ADJUSTMENT PERIOD ENDS AT 4:30 P.M., SEPTEMBER 16, 1991

*** A "W" is used to indicate withdrawal from a course in which the student was enrolled at the end of the Schedule Adjustment Period. This mark is NOT used in any computation of quality points or cumulative average totals at the end of the semester.**

Cancellation of Registration

Students who register and later decide not to attend the University must **CANCEL** their registration **BY AUGUST 30, 1991.** Failure to cancel registration will result in financial obligation to the University even though the student does not attend class.

To Cancel Your Registration on or before August 30, 1991:

1. Your cancellation request must be received in writing by:
   Office of Registration — Rm. 1130
   Mitchell Building, University of Maryland
   College Park, Maryland 20742
   Since the University can honor only those requests for cancellation which are actually received by August 30, 1991 requests should be sent by Registered Mail. PLEASE INCLUDE STUDENT'S SOCIAL SECURITY NUMBER ON ALL COORESPONDENCE.
2. For additional information concerning cancellation call the Registration Office, 314-8218.
3. Cancellation of Housing and Dining Services is a separate process. See page 12 for information.

Penalties for Drops During Schedule Adjustment

Full-time undergraduate students do not receive a refund for courses dropped if the total number of credits for which they are registered remains 9 or more.

PRIOR TO THE FIRST DAY OF CLASSES, AUGUST 30, 1991 OR EARLIER, if a full-time undergraduate student drops a course or courses, thereby changing the total number of credits for which the student is registered to *8 or less,* charges for the semester will be assessed on the basis of the per credit hour fee for part-time students. However, if the student later adds a course or courses, thereby changing the total number of credits for which the student is registered to *9 or more,* the student will be billed for the difference between per credit hour fees paid and the general fees for full-time undergraduates.

If during the FIRST FIVE DAYS OF CLASSES, SEPTEMBER 3-9, a full-time undergraduate drops a course or courses thereby changing the total number of credits for which he/she is registered to eight or less, charges for the semester will be assessed on the basis of part-time charges plus 20% of the difference between the full-time fees and appropriate part-time charges. **After the first five days of classes, there is no refund for changing from full-time to part-time status.**

Refund Schedule for Dropping Courses Graduate Students and Part-Time Undergraduates

Both graduate students and part-time undergraduates are charged by the credit hour. A percentage charge and/or complete charge for the course may be imposed if the deadlines indicated below are not followed.

1. August 30 or earlier (prior to the first day of classes) ..... 100% refund
   There will be no charge for courses *dropped* prior to this date.
2. September 3-9 (First five days of classes) ..... 80% refund
   There will be a 20% charge imposed for courses *dropped* during this period.
3. September 10 and after ..... 0% refund
   Student will incur full charge for courses *dropped* during this period.

Students who wish to drop one course and add another at the same credit level must accomplish both transactions on the *same* day to insure additional charges are not imposed.

Refunds for Special Courses

CHEM 001, COOP 098/099, MATH 001, MATH 002 — Refunds: A part-time or full-time undergraduate who drops MATH 001, MATH 002, or CHEM 001 will receive an 80% refund of the special fee if the course is dropped during the first five (5) days of classes and 0% thereafter. MATH 001, MATH 002, or CHEM 001 will still be counted in the determination of hours for full-time or part-time status, not withstanding the refund policy.

A part-time or full-time undergraduate student who drops COOP 098/099, or ENCO 098/099 will receive an 80% refund of the fee if the course is dropped during the first five (5) days of classes and 0% thereafter.

Candidates for December 1991 Graduation

Deadline to apply for a diploma dated December 1991 ..... September 16, 1991

Both graduate students and undergraduate students must file an application for a diploma dated December 1991 in the Registration Office by September 16, 1991. Applications are available at the Registration Office Counter, 1st Floor Lobby, Mitchell Building, 8:30 a.m. to 4:30 p.m., Monday through Friday.

Reclassification to In-State Status

If you wish to challenge your out-of-state classification you may do so by filing a timely application for In-State Status. The deadline for meeting all requirements for in-state status and for submitting an application and supporting documentation is the last day of late registration for the semester you wish to be classified as an in-state student.

Deadlines

Fall 1991 ..... September 16, 1991

It is imperative that students who wish to request a review of the eligibility for an in-state classification submit the required documents to the appropriate office as soon as possible. The volume of requests for reclassification may necessitate a delay in completing the review process. It is hoped that a decision in each case will be made within ninety (90) days of receipt of an application and all necessary documentation. During this period of time, or any further period of time required by the University, fees and charges will be refunded. It is to your advantage to apply early. Late *applications* will not be accepted.

Applications for review of eligibility, related documentation and questions concerning the policy of the University of Maryland for the determination of in-state should be directed to the following office:

Campus Classification Office
Room 0405B
Marie Mount Hall
405-2030

Tuition, Fees and Other Expenses

ALL STUDENTS WHO REGISTER FOR THE FALL SEMESTER INCUR A FINANCIAL OBLIGATION TO THE UNIVERSITY. Financial policy and fees are set by the University with the approval of the Board of Regents.

TUITION PLAN

The University sponsors two payment plans for use in paying tuition, room, board and telecommunication fees: The **MONTHLY BUDGET PROGRAM** permits payment for the entire academic year to be spread out in 10 equal monthly payments beginning June 1. There is an anhual $50.00 non-refundable participation fee for enrolling in the program but there are no interest or finance charges connected with this plan.

The semester **THREE PAYMENT PLAN** allows students to divide payment of tuition, room, board and telecommunication charges for a semester into three payments, the first 1/3 due at the time of enrollment, with subsequent payments due October 1 and November 1. In addition to a $20.00 participation fee **EACH** semester, this plan includes additional carrying charges. The total costs associated with the THREE PAYMENT PLAN are as follows:

TOTAL BILL	DEFERRED AMOUNT	TOTAL COST
$1200-1800	$ 800-1200	$ 40
$1800-2400	$1201-1600	$ 50
$2401-3000	$1601-2000	$ 60
$3001-3700	$2001-2500	$ 70
$3701-4500	$2501-3000	$ 80
$4501-5300	$3001-3500	$ 90
$5301-6000	$3501-4000	$100

NOTE: Only current year tuition, room, board and telecommunications charges are eligible for either of these plans. PREVIOUS SEMESTER BALANCES AND CHARGES INCURRED DURING THE SEMESTER ARE NOT ELIGIBLE FOR THESE PLANS.

Questions about the payment plans can be directed to the **TUITION PLAN** at 1-800-343-0911.

It is the policy of the University *not* to defer payment of fees on the basis of a pending application for financial assistance to an outside agency. This includes Veterans Administration, banks, Stafford student loan programs, etc.

Returning students will not be permitted to complete registration until all financial obligations to the University including current semester fees, library fines, parking violation assessments and other penalty fees and the service charges are paid in full. If a student registers without proper financial clearance from the Office of the Bursar, his/her registration will be cancelled without further notice. If a student becomes financially ineligible after registering, his/her registration will be cancelled unless and until his/her account balance is paid in full by a prescribed date.

PLEASE NOTE: PAYMENTS FOR STUDENT ACCOUNTS MAY BE MADE BY VISA OR MASTERCARD. CREDIT CARD PAYMENTS MAY BE MADE IN PERSON OR BY MAIL. HOWEVER, PHONE-IN PAYMENTS CAN ONLY BE ACCEPTED BY CALLING THE BURSAR'S VOICE RESPONSE SYSTEM AT 403-4641.

Although the University regularly mails bills to students, it cannot assume responsibility for their receipt. Students are urged to obtain a copy of their financial account in the Lee Building, or by phoning 405-9041, if they are not certain their account is paid in full. This office is open from 8:30 a.m. to 4:15 p.m. Monday through Friday. Students may also obtain their account balance by phoning 403-4641 from a touchtone telephone.

CHARGES INCURRED DURING THE SEMESTER ARE PAYABLE IMMEDIATELY.

A student who wishes to dispute a specific item on their bill must contact the appropriate University department that initiated the charge to discuss the nature of the adjustment, if any, or the appropriateness of the bill. If, after discussing the bill with the originating department, a student still wishes to dispute the charge, any appeal must be made in writing and sent to the office of the bursar. It is emphasized that any portion of the bill *not* in dispute must be paid in accordance with the due date on the bill.

All checks or money orders should be made payable to the University of Maryland for the exact amount due. The student's social security number must be written on the check.

Late Payment Fee: Students who fail to pay the balance due on their accounts are subject to an initial late fee of 5% of the outstanding balance or $10.00, whichever is greater. A 1.5% finance charge is assessed each month thereafter.

The state has established, under legislative mandate, a CENTRAL COLLECTIONS UNIT within the Department of Budget and Fiscal Planning. This campus has been instructed that all delinquent accounts must be transferred to the State Collections Unit.

ALL ACCOUNTS DUE FROM STUDENTS, FACULTY, STAFF, NON-STUDENTS, ETC. ARE INCLUDED WITHIN THESE GUIDELINES.

Collection Costs: incurred in collecting delinquent accounts will be charged to the student. The University is required by State law to refer past-due accounts to the State Central Collections Unit. The minimum collection fee is 15% plus any attorney and/or court costs. This collection fee is separate and distinct from any late payment fee the student may already have incurred and will not be reduced or offset by the amount of that late payment fee.

NOTE: STATE CENTRAL COLLECTIONS UNIT IS AUTHORIZED BY STATE LAW TO USE AN INDIVIDUAL'S STATE INCOME TAX REFUND AS AN OFFSET TO PAY INDEBTEDNESS TO THE STATE OF MARYLAND.

NO DEGREE WILL BE CONFERRED, NOR ANY DIPLOMA, CERTIFICATE, OR TRANSCRIPT OF RECORD ISSUED TO A STUDENT WHO HAS NOT MADE SATISFACTORY SETTLEMENT OF HIS OR HER ACCOUNT.

Mandatory Fees

The Auxiliary Facilities Fee: Refundable upon withdrawal. $23.50 — Charged to all Full-Time Undergraduates. Part-Time Undergraduates and all Graduate students are charged a fee of $9.00. The Auxiliary Facilities Fee is paid into a fund which is used for capital improvement, expansion and construction of various campus facilities such as open recreation areas (tennis courts, basketball courts, etc.), transportation alternatives (shuttle busses), and The Stamp Union Building. These capital projects are not funded or are funded only in part from other sources.

The Student Activities Fee: Refundable upon withdrawal. $19.00 — Charged to all Full-Time undergraduates. Part-Time Undergraduates are charged a fee of $10.00. Graduate students are charged a fee of $1.50. The Student Activities Fee is charged at the request of the Student Government Association and is used to provide for student activities, student publications, and cultural programs.

The Athletic Fee: Refundable upon withdrawal. $68.50 — Charged to all Full-Time Undergraduates. Part-Time Undergraduates and all Graduate Students are charged a fee of $17.50. The Athletic Fee is charged for the support of the Department of Intercollegiate Athletics. All students are encouraged to participate in all of the activities of this department or to attend the contests if they do not participate.

The Student Health Fee: Refundable upon withdrawal. $28.00. — Charged to all Full-Time Undergraduates and Graduate Students. All Part-Time Undergraduate and Graduate Students are charged a fee of $18.00. The Student Health Fee is charged for the support of the Health Service Facility. Charges for special services (X-rays, prescription, etc.) are due **when received**.

The Shuttle Bus Fee: Refundable upon withdrawal. $25.50 — Charged to all Full-Time Undergraduates and Graduate Students. All Part-Time Undergraduate and Graduate Students are charged a fee of $14.00. The Shuttle Bus Fee is charged for the support of the Shuttle Bus Transportation System.

The Stamp Union and Recreational Fee: Refundable upon withdrawal. $65.00 — Charged to all Full-Time Undergraduate and Graduate Students. All Part-Time Undergraduate and Graduate Students are charged a fee of $33.50. The Stamp Union and Recreational Fee is paid into a fund which will be used to expand recreational facilities and Stamp Union Services.

The Building Recreation Fee: Refundable upon withdrawal. $10.00 — Charged to all Full-Time Undergraduate and Graduate Students. All Part-Time Undergraduate and Graduate Students are charged a fee of $5.00. The Building Recreation Fee is paid into a fund which supports the construction and operation of Ritchie Coliseum and the new Campus Recreation Building.

The Academic Services Fee: Non-Refundable. $15.00 — The Academic Services Fee is charged to all registrants each semester.

Other Fees

Payment of Fees: All checks, money orders or postal notes should be made payable to the University of Maryland and mailed or delivered to: Office of Bursar, University of Maryland, College Park, MD 20742. The student's social security number must be written on the front of the check.

Undergraduate Application Fee: $26 — Charged to all new Undergraduate Applicants. Those who have previously enrolled at the University of Maryland at College Park will not be required to pay the fee.

Graduate Application Fee: $26.00 required of all students.

Pre-College Orientation Program Registration Fee: $78.00 (two day program) $27.00 (one parent)
$54.00 (one day program) $54.00 (two parent)

Late Registration Fee: $20.00. All students are expected to complete their registration including the filing of Schedule Adjustment Forms on the regular registration days. Those who do not complete their registration during the prescribed days must pay this fee.

Special Fee for students requiring additional preparation in Mathematics, or Chemistry: MATH 001 or MATH 002 — $145.00, CHEM 001 — $135; per semester. These special fees are in addition to course charges. (Note that MATH 001 is required of students whose curricula call for MATH 110 or 115 and who fail in qualifying examination for these courses.)

A student enrolled in MATH 001 and concurrently enrolled for six or more credit hours will be considered as a full-time student for purposes of assessing fees. Students taking only MATH 002, CHEM 001, pay for three credits plus the special fee. Students taking CHEM 001 pay for two credits plus the special fee. A 3-credit course plus MATH 001, results in a charge for 6 credits plus the special fee. A full-time student pays full-time tuition plus the special fee.

Cooperative Education Program in Liberal Arts and Business (COOP 098/099): $30.00 each

Engineering CO-OP Program (ENCO 098/099): $30.00 each

Fees for Auditors and courses taken for audit are the same as those charged for courses taken for credit to determine whether or not an undergraduate student is full-time or part-time for fee assessment purposes.

Special Students are assessed fees in accordance with the schedule for the comparable undergraduate classification.

Special Examination Fee: $30.00 per course for all undergraduates and full-time graduate students. Credit-hour charge for part-time graduate students. (See page 18 for definition of full-time and part-time graduate status).

Vehicle Registration Fee: Commuters $40.00, Residents $75.00 (Fees are subject to change). Fee is required of all students registered for classes on the College Park Campus and who drive on campus.

Textbooks and Supplies: Textbooks and classroom supplies vary with the course pursued, but will average $250.00 per semester.

Service Charges for Dishonored Checks: Payable for each check which is returned unpaid by the drawee bank on presentation because of insufficient funds, payment stopped, post-dating against uncollected items, etc.

For checks up to $100.00: $10.00
For checks from $100.01 to $500.00: $25.00
For checks over $500.01: $50.00

When a check is returned unpaid, the student must redeem the check and pay any outstanding balance in the account within 10 days or all University services may be severed and the account transferred to the State Central Collection Unit for legal follow-up. Additionally, a minimum 15% collection charge is added to the charges posted to the student's account at the time the transfer is made. When a check is returned unpaid due to an error made by the student's bank, the student must obtain a letter from the branch manager of the bank or a person of equivalent status admitting such an error. This letter must be submitted to the Office of the Bursar to have the service charge waived.

Library Charges: $35 — Fine for failure to return a book from General Library before expiration of loan period per day. Fine for failure to return book from Reserve Shelf before expiration of loan period: First hour overdue on first day: $1.00; after first hour on first day: $.75 per hour for each hour open up to a maximum of $45.00 per item. In case of loss or mutiliation of a book, satisfactory restitution must be made.

Motor Vehicle Penalties: These are described in Traffic Rules and Regulations.

Property Damage Charges: Students will be charged for damaged to property or equipment. Where responsibility for the damage can be fixed, the individual student will be billed for it; where responsibility cannot be fixed, the cost of repairing the damage or replacing equipment will be pro-rated among the individuals involved.

Late Payment Fee: Students who fail to pay the balance due on their accounts are subject to an initial late fee of 5% of the outstanding balance or $10.00, whichever is greater. A 1.5% finance charge is assessed each month thereafter.

Fees for Fall Semester 1991

An Important Fee Notice. Although changes in fees and charges will ordinarily be announced in advance, the University reserves the right to make such changes without previous announcement.

General Fees — (*Includes mandatory fees)

[1] Full-Time Undergraduate Students, Maryland Residents 1,214.50
[1] Full-Time Undergraduate Students from District of Columbia and other states and other countries 3,648.50

— PART-TIME UNDERGRADUATES — (In-state and out-of-state enrolling for 8 credit hours or less) $115.00 per credit hour.

Credit Hours	1	2	3	4	5	6	7	8
*Cost	233.50	348.50	463.50	578.50	693.50	808.50	923.50	1038.50

*Includes all mandatory fees

*Graduate In-State — $143.00 per credit hour.[2]

Credit Hours	1	2	3	4	5	6	7	8	9	10	11	12	13
*Cost	253.00	396.00	539.00	682.00	825.00	968.00	1,111.00	1,254.00	1,455.50	1,598.50	1,741.50	1,884.50	2,027.50

*Includes all mandatory fees
*Graduate out of state students — $256.00 per credit hours.[2]

Credit Hours	1	2	3	4	5	6	7	8	9	10	11	12	13
*Cost	366.00	622.00	878.00	1,134.00	1,390.00	1,646.00	1,902.00	2,158.00	2,472.50	2,728.50	2,984.50	3,240.50	3,496.50

*Includes all mandatory fee

Campus Point Plan	Lite	972.50
	Regular	1072.50
	Plus	1172.50
Room, University Residence Hall, Maryland Residents/Non-Residents		1352.50
Telecommunications Fee		70.00
Vehicle Registration Fee (valid through August 1992)	Campus Resident	75.00
	Commuter	40.00
Special Mathematics Fee (MATH 001/002)		145.00
Special Chemistry Fee (CHEM 001)		135.00
Special Engineering COOP Fee (ENCO 098/099)		30.00[3]
Special COOP Fee (COOP 098/099)		30.00[3]
Continuous Registration Fee (Doctoral Candidates)		10.00
Late Registration Fee (beginning September 3, 1991)		20.00
Credit by Exam Fee		
All Undergraduate and Full-Time Graduate Students (per course)		30.00
Part-Time Graduate Students (per credit hour)		See above
Audit courses are charged the same as a course taken for credit.		
Maryland English Institute — Intensive		2840.00
Maryland English Institute — Semi-Intensive Program		1420.00
Maryland English Institute — Pronunciation Program		240.00
Maryland English Institute — Fluency Program		480.00
Orientation Fees:		
Student One Day		54.00
Student Two Days		78.00
One Parent		27.00
Two Parents		54.00

[1] FOR BILLING PURPOSES UNDERGRADUATE FULL—TIME STATUS IS DEFINED AS A REGISTRATION FOR 9 CREDITS OR MORE.

[2] A STUDENT WHO HAS BEEN ADMITTED TO THE GRADUATE SCHOOL WILL BE CHARGED THE GRADUATE CREDIT HOUR FEE FOR ALL COURSES REGARDLESS OF THE LEVEL OF THE COURSE.

[3] A $5.00 FEE WILL BE CHARGED FOR SPECIAL COURSE REGISTRATION. THE AMOUNT OF $75.00 WILL BE CHARGED FOR ENROLLMENT IN TWO SPECIAL COURSES.

Billing Information

Bills for payment of fees are mailed in July 1991 to students who have registered for courses for Fall 1991. Since **PAYMENT IN FULL MUST BE MADE NO LATER THAN AUGUST 16, 1991 BY ALL REGISTERED STUDENTS,** accounts not paid by August 16, 1991 are delinquent and subject to referral to the State Central Collections Unit at Baltimore and/or cancellation of registration.

For student convenience, payment by mail is encouraged; however, payment also may be made at the Office of the Cashier, Lee Building. Students may pay in person at the Office of the Cashier, 8:30 a.m. to 4:15 p.m. Monday through Friday, where they are required to present a Student ID Card with payment. Also students, if paying by personal check, may drop the payment in the Bursar's Mail Remittances hallway drop slot in the Lee Building, any time that the building is open. If a student uses the drop slot, the processed check will serve as a receipt. Be sure the Social Security number is clearly written on the front of the check.

PLEASE NOTE: PAYMENTS FOR STUDENT ACCOUNTS MAY BE MADE BY VISA OR MASTERCARD. CREDIT CARD PAYMENTS MAY BE MADE IN PERSON OR BY MAIL. PHONE-IN PAYMENTS CAN BE MADE BY CALLING 403-4641.

Periodically during the semester bills will be mailed to the student's permanent address reflecting charges incurred for parking tickets, library fines, course adjustments, etc. These bills are due ON RECEIPT. THE UNIVERSITY CANNOT ASSUME RESPONSIBILITY FOR THEIR DELIVERY.

Students who register after August 16, 1991 will be required to make full payment in person to the cashier by the close of business on the Monday following their registration to avoid cancellation of their schedule and loss of their seats to other students. MAIL PAYMENTS, PHONE PAYMENTS, POSTMARK DATES, AND USE OF "DROP BOXES" WILL NOT SATISFY THIS DEADLINE.

Students who have questions on their bills may obtain print-outs of their financial accounts by coming to the Lee Building between 8:30 a.m. and 4:15 p.m. Monday through Friday.

Each student is individually responsible for all of his or her fees and expenses. If a third party, such as an employer, agrees to pay these charges, the student is not relieved of his or her primary responsibility. In the event such third party fails to honor its agreement, the University reserves the right to bill the student directly. Failure to pay this bill thereafter will result in the suspension of services to the student by the University and transfer of the account to the State Central Collections Unit. WHEN A PAYMENT IS MADE TO THE UNIVERSITY, PAYMENT OF ANY OUTSTANDING BALANCE PRECEDES PAYMENT OF CURRENT INDEBTEDNESS. That is, the oldest account balance is liquidated first.

FAILURE TO PAY OUTSTANDING DEBTS WILL RESULT IN ADDING A LATE PAYMENT FEE OF $10.00 or 5%, WHICHEVER IS HIGHER PLUS A 1.5% MONTHLY FINANCE CHARGE, AND TRANSFER OF THE ACCOUNT TO THE STATE CENTRAL COLLECTIONS UNIT. A MINIMUM OF 15% COLLECTIONS CHARGES ARE ADDED AT THIS TIME. THIS COLLECTION FEE IS SEPARATE AND DISTINCT FROM ANY LATE PAYMENT FEE THE STUDENT MAY ALREADY HAVE INCURRED AND WILL NOT BE REDUCED OR OFFSET BY THE AMOUNT OF THAT LATE PAYMENT FEE.

MARYLAND LAW ALLOWS THE CENTRAL COLLECTION UNIT TO BLOCK ISSUANCE OF MARYLAND STATE INCOME TAX REFUNDS FOR INDIVIDUALS WITH DELINQUENT ACCOUNTS.

Tuition Remission for Faculty and Staff

Every semester an approved Tuition Remission form must be turned in to the College Park Personnel Services Office in order to receive credit on the student bill for courses taken by faculty and staff members. The authorizing department will forward this form directly to the Personnel Services Office. Each faculty and staff member should check with his/her department to ascertain that the proper forms have been submitted before the scheduled deadlines.

Tuition Remission forms for students who registered early must be RECEIVED by the campus personnel office before August 16, 1991. Students who register after August 16, 1991 must submit the Tuition Remission Form and settle their account in full by the close of business on the Monday following their registration. ALL FORMS MUST BE SUBMITTED NO LATER THAN AUGUST 30, 1991.

Published deadlines and procedures for admission, readmission or reinstatement and registration apply to University faculty and staff who wish to take courses.

Questions regarding admission? Contact Admissions Office, 314-8385.
Questions regarding registration? Contact Registration Office, 314-8240.
Questions regarding employee Tuition Remission? Contact Staff Benefits Office, 405-5654.

Tuition Remission Policy
(Spouse and Dependent Children)

The University Board of Regents has approved a tuition remission policy for the spouse and dependent children of permanent (50% time or more) employees. The policy will provide **FULL** Tuition Remission for spouse and dependent children of permanent full-time (100%) employees, spouse and dependent children of permenent part-time (50% time or more) employees will receive tuition remission based on the percent of time on the payroll. The **TUITION REMISSION** forms are available at each campus Personnel Department. After obtaining department head signature, the completed form is to be **HAND CARRIED,** in a sealed envelope, to the campus personnel office where the student's spouse or parent is employed **NO LATER THAN JULY 1, 1991.** If the established cap has not been reached on July 1, 1991, approval letters will be mailed to the employee. After July 1, 1991, applications will be processed on a first-come, first-served basis until the cap is reached. If the student receiving the tuition remission drops classes or withdraws from the University and is eligible for a refund, the refund computations will be made in such a way as to return the maximum amount to the tuition remission account.

12 Financial Information

Robert T. Stafford Loan Information

The Robert T. Stafford Loan, formerly known as the Guaranteed Student Loan, takes approximately 8 weeks to process. In order for your Stafford Loan check to be available by the Fall 1991 semester payment due date, you should file a Financial Aid Form (FAF) with the College Scholarship Service by June 15, 1991. The processed results of an FAF must be in the Office of Student Financial Aid (OSFA) before a loan can be processed. Students may apply for a Stafford Loan only after receiving their award notification from OSFA.

Pending Stafford Loans and promissory notes may not be substituted in lieu of payment unless Notice of Guarantee has been received by the University. Only the fall portion of the loan, minus the loan origination fee, may be used for payment. However, payment for the remainder of the bill must be made on or before August 16, 1991. Payments for students who registered early for the Fall 1991 semester are due on or before August 16, 1991.

Financial Aid Information

Any student receiving financial aid who is contemplating dropping credits should see his/her financial aid counselor before taking such action. Students receiving certain scholarships and grants are expected to maintain a semester credit load of 12 hours. Neither credit (earned) by "Examination" nor courses taken as "Audit" can be counted toward credit level. If the registration of a student with a scholarship or grant that requires 12 hours falls below the minimum requirement, the scholarship or grant is automatically cancelled. Cancellation of a scholarship or grant without subsequent payment of amounts due will lead to an indebtedness to the university. Such indebtedness can in turn lead to severance of services by the university.

A student who has not received final approval of a financial aid award and accepted the award should not expect a credit on his/her bill nor a check at the time of registration. No deferment will be granted and the student should be prepared to pay his/her bill by the first day of classes unless financial aid has been **awarded and accepted** by the student.

Students sponsored by an agency or their employer remain responsible for their fees. When payment is not received by the university from the sponsor, the student will be charged.

Previously registered students bills will be mailed. Students not registered will complete an estimated bill form at registration time. The following information may be helpful:

1. Scholarships, grants, & workships will be credited to student accounts. A check for any balance remaining after charges are paid will be available for those students receiving financial aid. Perkins Loans will be ordered in checks. **ALL STUDENTS MUST MAKE AN APPOINTMENT TO PICK UP A FINANCIAL AID CHECK. APPOINTMENTS CAN BE MADE BY CALLING, 403-4641 or 405-9025.** Before a check can be distributed, students must present proof of the required credit hours, their photo ID card or driver's license, and the bill sent to the their permanent address. If an awarded financial aid has not been credited on the early registration bill, deduct the approved FA amount for the semester, and pay the balance due.
2. Students who receive scholarships, grants or loans after classes have begun and who have paid their Student Account for the award period must request a refund in writing from the Office of the Bursar. The refund will take approximately two to three weeks to process after the credit balance appears on the account and the refund request is received.
3. Other scholarships and grants paid to the University by an outside agency will be credited to the student's bill. (Exception — National Merit Scholarship checks will be available in the Office of the Bursar.)
4. Stafford Loan (formerly Guaranteed Student Loan) checks may be picked up at the Office of the Bursar, Lee Building. Before a check be disbursed, the student must present proof of registration for the required credit hours. Student identification such as the photo ID card or driver's license, and the early registration bill, if applicable, must be provided.
5. Dining Hall cash jobs will be paid bi-weekly to students as work is performed.
6. Dining Hall and Library Workships (and other University Workships) will be credited to the bill after signing a contract with the respective office.
7. College Work Study and other university employment will be paid to the student bi-weekly as work is performed.
8. STUDENTS WHO RECEIVE A PERKINS LOAN MUST SUBMIT PROPERLY EXECUTED PROMISSORY NOTES AND ASSOCIATED FORMS. The loan check cannot be disbursed if the student has not turned in these forms.
9. **Students contemplating a withdrawal should consult a Financial Aid Counselor prior to the withdrawal.** Aid will be prorated based on attendance. Those considering second withdrawal may not be eligible for aid the subsequent semester.
10. The university will only make adjustments to financial aid awards until the beginning of the next spring semester for students attending the fall semester and June 30 for students attending the spring semester.

SATISFACTORY ACADEMIC PROGRESS FOR FINANCIAL AID

Federal Legislation governing the administration of the Pell Grant, Perkins Loan (formerly National Direct Student Loan), the Supplemental Education Opportunity Grant (SEOG), the College Work Study (CWS), the Stafford Loan (formerly GSL), and the PLUS/Supplemental Loan require that colleges and universities define and enforce standards of progress for students receiving or applying for federal financial aid. To comply with that legislation, Standards of Satisfactory Progress have been established, and all recipients of the above-mentioned forms of financial aid are subject to these standards for renewal or receipt of their federal financial aid.

A review of the student's compliance with the Standards of Satisfactory Progress will normally occur at the end of the Spring Semester. Students who have not met the minimum credit hour requirement and/or minimum grade point average requirement will be informed in writing prior to the Fall Semester.

Student Loan Deferment Payment Information

Student Loan verifications must be made using the following guidelines:

UNDERGRADUATES:
To qualify for a deferment the student must maintain the credit levels noted below:
FALL/SPRING SEMESTER:
9 or more Credits to be considered **FULL TIME**
6-8 Credits to be considered **half time**
SUMMER SESSIONS:
6 Credits per session to be considered **FULL TIME**
3 Credits per session to be considered **HALF TIME**

GRADUATE STUDENTS:
Graduate students need to have their schedules converted to units. This is done by using the table below. To be considered for a deferment the student must maintain the units noted below:
FALL/SPRING SEMESTER:
48 Credit Units for **FULL TIME**
Graduate Assistantships = 24 units
24 Graduate Units for **HALF TIME**
SUMMER SESSIONS:
24 Graduate Units if **HALF TIME**

Withdrawal from the University

Procedures for Withdrawal from All Classes

Cancellation of Housing/Dining Contracts is a separate process, see Cancellation of Housing and/or a Meal Plan below.

September 3 or later

1. All students should report to Room 1101, Mitchell Building to complete a withdrawal form.
2. Withdrawal becomes effective on the date the form is filed with the Records Office. Stopping payment on a check does not constitute an official withdrawal. A notation of withdrawal and the effective date of the withdrawal will be posted to the permanent record.
3. Tuition credit will be initiated upon receipt of the Withdrawal Form. The percentage of credit is determined by the date the form is filed in the Records Office.
4. Refer to the chart below for refund information. The $15.00 Academic Services Fee is not refundable. Credit adjustments for housing services not utilized are based upon the date of completion of residence halls checkout procedures and not upon the date of withdrawal from classes.
5. Be certain to return all books to the library and clear all financial accounts at the Office of the Bursar, Lee Building. Refunds for credit adjustments will be authorized after all student financial aid adjustments have been processed and any balance remaining on the account has been deducted.

Dates for Refund of Tuition for Withdrawal from All Courses*

		Undergraduate Resident	*Undergraduate Non-resident*
On or before August 30	100%	1214.50	3648.50
September 3-16	80%	959.60	2906.80
September 17-23	60%	719.70	2180.10
September 24-30	40%	479.80	1453.40
October 1-7	20%	239.90	726.70
October 8 and later	0%	0.00	0.00

* Students who have made no payment on their account at the time of withdrawal will be billed according to the above schedule.

In computing refunds to students who have scholarships and loans from University funds, the computation will be made in such a way as to return the maximum amount to the scholarship and loan accounts without loss to the University.

NOTE: Only amounts in excess of the non-refundable enrollment deposit will be refunded.

Cancellation of Residence Halls/Dining Services Agreement

Charges for housing, dining and resident telecommunications are not refundable unless the student receives written approval for and effectively completes Resident Life and/or Dining Services release procedures as stated in the Residence Halls/Dining Services Agreement. (Note: The $100 non-refundable Housing Reservation Fee will not be returned or credited to any outstanding balance owed to the campus.)

1. Cancellation of Residence Halls/Dining Services Agreement must be sent directly (Certified Mail suggested) to:
   Resident Life
   Assignments Office
   2100 Annapolis Hall
   College Park, MD 20742-9123
   (301) 314-2100
2. The Residence Halls/Dining Services Agreement is for the entire academic year. Therefore, the University will not normally release an individual from the Agreement after services are claimed (i.e., keys issued).

   In some specified cases, however, residents may be released from the Agreement without incurring financial obligation (beyond occupancy and meal charges) only when Resident Life has received and verified upon a specified date a student's request for release that is based upon the student's withdrawal, graduation, marriage, student teaching, studying abroad, co-op work in conjunction with a University sponsored program, or substantial physical or emotional difficulties (verified by the University) which prevent continued participation in the Agreement.

   Such requests for release — effective at the end of the fall semester or the start of the spring semester — must be submitted to Resident Life before 4:30 p.m., November 26, 1991, in order to avoid incurring the charges identified in the Cancellation Fee Schedule in Section IV (D) (1) of the Agreement in the event the request is approved by Resident Life. Requests for release from the Agreement, which are to be effective Spring 1992 will not be approved after the first scheduled day of spring semester classes, except for reasons of disenrollment.
3. The Dining Services Point Plan Card must be returned to the Dining Services Contract Office (0144 South Campus Dining Hall) to avoid a $15.00 fine.

Please contact Resident Life's Assignments office for more information and other criteria that will allow for release from the Residence Halls/Dining Services Agreement.

Refunds for Special Courses

CHEM 001, COOP 098/099, MATH 001, MATH 002 — Refunds: A part-time or full-time undergraduate who drops MATH 001, MATH 002, or CHEM 001 will receive an 80% refund of the special fee if the course is dropped during the first five (5) days of classes and 0% thereafter. MATH 001, MATH 002, or CHEM 001 will still be counted in the determination of hours for full-time or part-time status, not withstanding the refund policy.
A part-time or full-time undergraduate student who drops COOP 098/099, or ENCO 098/099 will receive an 80% refund of the fee if the course is dropped during the first five (5) days of classes and 0% thereafter.

Refund Requests

To obtain a refund from your student account you must apply in writing. This can be done by either: (1) addressing a letter to the Office of the Bursar, Lee Building; University of Maryland, College Park, MD 20742, or (2) visiting our office in person: Student Accounts, Lee Building, Room 1103, 8:30 a.m. to 4:15 p.m., Monday-Friday. No credit balance is automatically refunded.
Refunds from payments originally made by cash or check are ordered from the State Teasurer's Office in Annapolis. They are made payable to the student and take approximately 3 weeks after the credit appears on the account to be mailed to the student's permanent address of record. Student's with a credit balance of $50.00 or less may be entitled to a cash refund. Please visit our office with an identification card to obtain the cash refund voucher.
Refunds from payment originally made with a credit card must be refunded to the card originally charged. Credit card refunds are processed electronically and take approximately 1 week after the credit appears on the account. Please include your credit card number and expiration date in your request. A credit receipt will be mailed to the address listed on the refund request.

Final Examination Schedule Fall Semester 1991

All final examinations must be held on the examination days of the Official Final Examination Schedule. No final examination shall be given at a time other than that scheduled in the Official Examination Schedule without permission of the department chair.

A final examination will be given in every undergraduate course. Exceptions may be made with the written approval of the chair of the department and the dean. Please read all sections of the Final Examination Schedule. For additional information, see "Examinations" in the Undergraduate Catalog.

If the University is ***officially*** closed because of snow, examinations will be rescheduled. The snow date is indicated in parenthese below the examination date. Exams will be held at the same time and in the same room as originally scheduled.

1. STANDARD FINAL EXAM TABLE

Examination Time	*Classes Scheduled*
December 12, Thursday	
*(Alternate Snow Date-December 15)	
8:00-10:00	TuTh 2
	TuTh 2-3:15
10:30-12:30	MWF 11
1:30- 3:30	MATH 001, 002, 110 111, 115, 140, 141, 210, 211, 220, 221, 240, 241, 246
	STAT 100
December 13, Friday	
*(Alternate Snow Date-December 15)	
8:00-10:00	TuTh 11
	TuTh 11-12:15
10:30-12:30	CHEM 001, 103, 113, 233, 243
1:30- 3:30	MWF 9
	MW 9:30
4:00- 6:00	BMGT 311, 424
	ENES 101, 220
December 14, Saturday	
*(Alternate Snow Date-December 15)	
8:00-10:00	TuTh 8
	TuTh 8-9:15
10:30-12:30	MWF 2
1:30- 3:30	ECON 203
	EDMS 451
	ITAL 101, 102, 203
4:00-6:00	BMGT 310, 422, 440
	CMSC 150
	PHYS 121, 161, 262, 263

Examination Time	*Classes Scheduled*
December 16, Monday	
*(Alternate Snow Date-December 21)	
8:00-10:00	MWF 1
10:30-12:30	TuTh 9
	TuTh 9:30-10:45
1:30- 3:30	ECON 201, 430
December 17, Tuesday	
*(Alternate Snow Date-December 21)	
8:00-10:00	TuTh 12
	TuTh 12:30-1:45
10:30-12:30	MWF 10
1:30- 3:30	BMGT 220, 380
	GERM 101, 102
	SPAN 204
December 18, Wednesday	
*(Alternate Snow Date-December 21)	
8:00-10:00	TuTh 3
	TuTh 3:30-4:45
10:30-12:30	MWF 12
	MW 12:30
1:30- 3:30	CMSC 103, 112
	ENES 110, 221
	FREN 101, 102, 103 203
	RUSS 101, 201
December 19, Thursday	
*(Alternate Snow Date-December 21)	
8:00-10:00	MWF 8
10:30-12:30	TuTh 10
1:30- 3:30	MWF 3
	MW 3:30
4:00- 6:00	TuTh 1

*ALTERNATE SNOW DATE — Exams will be held at the same time and in the same room as originally scheduled.

2. EXAMS FOR CLASSES BEGINNING AT 4 P.M. AND LATER

Final examinations for classes beginning 4:00 p.m. and later are given on the same day and at the same time the class normally meets during the semester. (For example, a class scheduled on Tuesday, 4:15-7:00 p.m. has its exam on Tuesday, December 17, at 4:15 p.m.). Classes scheduled on Thursdays at 4:00 p.m. and later have their final exams on Thursday, December 12. Classes that meet both Tuesday and Thursday 4:00 p.m. and later should have exams on Thursday, December 12. Classes that meet both Monday and Wednesday 4:00 p.m. and later should have exams on Monday, December 16. Exams will be given is regularly scheduled classrooms. The department will notify faculty of any exceptions to the time and room.

3. COMMON FINAL EXAMS

Final examinations for all sections of the following courses are given at the times listed in the above schedule. Note that these exam times do not depend on the hour or day at which the particular section meets. The rooms in which these examinations will be held will be announced in class.

BMGT 220, 310, 311, 380, 422, 424, 440
CHEM 001, 103, 113, 233, 243
CMSC 103, 112, 150
ECON 201, 203, 430
EDMS 451
ENES 101, 110, 220, 221
FREN 101, 102, 103, 203
GERM 101, 102
ITAL 101, 102, 203
MATH 001, 002, 110, 111, 115, 140, 141, 210, 211, 220, 221, 240, 241, 246
PHYS 121, 161, 262, 263
RUSS 101, 201
SPAN 204
STAT 100

4. EXAMS FOR BMGT COURSES NUMBERED 600 AND ABOVE

Final Examinations for BMGT courses numbered 600 and above are subject to the general guidelines outlined in Notes A, B, & C below. The rooms in which these examinations will be held will be announced in class.

A. Examination time for required MBA courses taught at night are based on the time the course normally meets irrespective of course number.
B. Examination times for required MBA courses that are taught during the day are based on course number irrespective of the time the course normally meets.
C. Examination times for all BMGT courses numbered 600 and above that are not covered by notes A & B will follow the exam schedule at the top of this page. However, exams will be three hours long.

EXAMINATION TIMES	CLASSES SCHEDULED
Thursday, December 12, 1991 9:00-12:00	BMGT 610
	TuTh 9:30-10:45***
	TuTh 11:00-12:15***
Friday, December 13, 1991 9:00-12:00	BMGT 630
	TuTh 12:30-1:45
	TuTh 2:00-3:15***
	TuTh 3:30-4:45***
Monday, December 16, 1991 9:00-12:00	BMGT 650
	MW 2:00-3:15***
	MW 3:30-4:45***
	TuTh 11:00-12:15
Tuesday, December 17, 1991 9:00-12:00	BMGT 670
	TuTh 9:30-10:45
	MW 9:30-10:45
	MW 11:00-12:15
Wednesday, December 18, 1991 9:00-12:00	BMGT 680
	TuTh 12:30-1:45***
	TuTh 2:00-3:15***
	MW 2:00-3:15***

***Sections are given together

Academic Dishonesty

Academic dishonesty is a corrosive force in the academic life of a university. It jeopardizes the quality of education and depreciates the genuine achievements of others. Apathy or acquiescence in the presence of academic dishonesty is not a neutral act. **All members of the University Community — students, faculty, and staff — share the responsibility to challenge and make known acts of apparent academic dishonesty.**

Any of the following acts, when committed by a student, is an act of academic dishonesty.

A. CHEATING

Intentionally using or attempting to use unauthorized materials, information or study aids in any academic exercise.
Comments:

1. Students completing any examination should assume that external assistance (e.g., books, notes, calculators, conversation with others) is prohibited unless specifically authorized by the instructor.
2. Students must not allow others to conduct research or prepare any work for them without advance authorization from the instructor. This comment includes, but is not limited to, the services of commercial term paper companies.
3. Substantial portions of the same academic work may not be submitted for credit or honors more than once without authorization.

B. FABRICATION

Intentional and unauthorized falsification or invention of any information or citation in an academic exercise.
Comments:

1. "Invented" information may not be used in any laboratory experiment or other academic exercise without notice to and authorization from the instructor.
2. One should acknowledge reliance upon the actual source from which cited information was obtained.
3. Students who attempt to alter and resubmit returned academic work without notice to the instructor would be in violation of this section.

C. FACILITATING ACADEMIC DISHONESTY

Intentionally or knowingly helping or attempting to help another to commit an act of academic dishonesty.

D. PLAGIARISM

Intentionally or knowingly representing the words *or* ideas of another as one's own in any academic exercise.
Comments:

1. *Direct Quotation:* Every direct quotation must be identified by quotation marks or by appropriate identification and must be promptly cited in a footnote. (Proper footnote style for many academic departments is outlined by the MLA Style Sheet or K.L. Turabian's. *An Manual for Writers of Term Papers, Theses and Dissertations.)*
2. *Paraphase:* Prompt acknowledgement is required when material from another source is paraphrased or summarized in whole or in part in your own words.
3. *"Borrowed Facts or Information":* Information that is obtained in one's reading or research; which is not common knowledge among students in the course, must be acknowledged. Materials which contribue only to one's general understanding of the subject may be acknowledged in the bibliography and need not be immediately footnoted.

Academic dishonesty is a serious offense which may result in suspension or expulsion from the University. The normal sanction for academic dishonesty is a grade of "XF," denoting "failure due to academic dishonesty." That grade will normally be recorded on the transcripts of students found responsible for acts of academic dishonesty in addition to any other action taken (e.g., suspension or expulsion).

A forty member student Honor Council has the responsibility to investigate allegations of academic dishonesty and to convene Honor Boards to adjudicate charges. In specified circumstances, the Student Honor Council will accept petitions to remove the grade of "XF" from a transcript and replace it with the grade of "F."

TO REPORT ACADEMIC DISHONESTY CALL THE HONOR COUNCIL AT 314-8450

STUDENTS INTERESTED IN SERVING ON THE HONOR COUNCIL SHOULD CONTACT THE DEAN OF THEIR COLLEGE.

The *Code of Academic Integrity* is reprinted in full in the Undergraduate Catalog. For further information, contact the Student Honor Council, 3142 South Campus Dining Hall (314-8450).

Change of Address Procedure

Change in either mailing or permanent address can be processed AT ANY TIME DURING THE SEMESTER IN WHICH THEY OCCUR. Address changes are posted to the computer by the Office of the Bursar. Address Change Forms are available at the following places:

1. Office of the Bursar, Address Unit, Lee Building, 8:30 a.m. to 4:15 p.m., Monday-Friday.
2. Registration Counter, Mitchell Building, First Floor Lobby, 8:30 a.m.-4:30 p.m. Monday through Friday.
3. Deans' Offices, 8:30-4:30 p.m., Monday-Friday

Since many University communications to students are handled through the mail, it is imperative that accurate and up-to-date addresses be maintained throughout the enrollment period. During the academic year the permanent address for currently registered students will be used for grade reports, combined early registration schedules and bills, and other billings. The local address on file for currently registered students will be used for all other mailings. The permanent address on file for students not currently registered will be used for all mailings. Any student wishing his/her address to be kept confidential should contact the Registration Counter.

All requests for non-disclosure of information will be implemented as soon as publication schedules will reasonably allow. The University will use its best efforts to maintain the confidentiality of those categories of information which a student properly requests not be publicly disclosed. The University, however, makes no representations, warranties or guarantees that information designated for non-disclosure will not appear in public documents.

Change of Name Procedure

A change of name can be processed at any time during the semester in which it coccurs. Name Change forms are available at the Registration Counter, Mitchell Building, First Floor Lobby, 8:30 a.m.-4:30 p.m., Monday-Friday. Proof of name change (court order, marriage license, driver's license) must be submitted with name change form.

Commencement Honors

Summa Cum Laude, Magna Cum Laude, and Cum Laude are the commencement honors for excellence in scholarship. Honors are awarded to students with a GPA equal to the highest two percent (Summa), the next highest three percent (Magna) and the following five percent (Cum Laude) of the GPA distribution used in the calculations for that semester. The GPA distribution shall be computed each semester from the GPAs of the three proceeding classes of the student's degree granting unit. To be eligible for this recognition, at least 60 semester hours must be earned at or transferred with a grade to College Park. No more than six credits taken pass/fail or satisfactory/fail shall count toward the 60 hour minimum. No student with an average less than 3.300 will be considered for a commencement honor. Because grades for a term generally are officially recorded after the term's graduation day, computation of the student's GPA will not include grades for courses taken during the student's final semester at College Park. However, the hours taken during that semester will apply toward the 60-hour requirement.

Computer Science Center

Non-credit Training Courses (Fall 1991)

The Computer Science Center offers a series of workstation training classes scheduled during evening and weekend hours. Classes in the use of workstations (e.g., the IBM PC, XT, AT, PS/2 and Macintosh microcomputers) are designed to be a hands-on experience for those who wish to use a computer to do their class assignments and work.

The classes include: Introduction to the IBM PC and MS-DOS, Wordperfect 5.1, Intermediate Wordperfect 5.1, and Introduction to Spreadsheets on the IBM PC, Introduction to the Macintosh, and MacWrite II on the Macintosh. An additional class on Telecommunications and File Transfer is also offered. Instructors for the classes are computer experienced students. Call 405-2941 for scheduling information, or drop by CSC room 3326 to register for classes. A nominal fee is charged for each class.

The workstation training courses are in addition to the CSC's traditional non-credit short courses which, this Fall, will include surveys of UNIX, statistical software, communications, and networking. A small fee is charged for these classes. For further information call 405-4261.

Credit by Examination (Undergraduate Students)

Credit may be earned by examination for any undergraduate course for which a suitable examination has been adopted or can be prepared by the department granting the credit. This option is not available, however, for courses in which the student has been registered beyond the end of the Schedule Adjustment Period, i.e., the first 10 days of classes.

Additional information regarding availability of examinations, applications, fees and other regulations is available from the Division of Letters & Sciences (L&S), Room 1117, Hornbake Library. See Ms. Crouch, 314-8418. For more information, consult the undergraduate catalog.

Disabled Student Services

A division of the Counseling Center, located in Shoemaker Hall, Room 0126. Services are available for students with documented disabilities. Services may include: readers, writers, interpreters, assisting with physical access and assistance with registration. Services must be arranged in advance and students are encouraged to contact Disabled Student Services as early as possible. Hours of operation are 8:30-4:30 Monday through Friday. Our telephone number is 314-7682 (voice) or 314-7683 (TDD).

Counseling Center

The Counseling Center provides comprehensive psychological and counseling services to meet the mental health and developmental needs of students. Records kept as part of providing counseling services are **confidential** and are not part of the University's educational records. The Counseling Center, located in Shoemaker Building, is open Monday-Thursday 8:30-9:00 and Friday 8:30-4:30.

In order to meet the needs of the University community, the Counseling Center provides the following special services and programs:

Counseling Service. Psychologists provide professional individual and group counseling services for students with social-emotional and educational-vocational concerns. Counseling is available for individuals and groups to overcome depression, career indecisiveness, anxiety, loneliness and other problems experienced by students. Workshops ranging from developing assertiveness and self-esteem to stress management are offered. A 3:00 p.m. Minority Student Walk-In Hour is held daily. The Center also provides a series of tape-recorded interviews with all College Park department heads covering course and career options in their fields. Telephone: 314-7651.

Disabled Student Service. Professionals provide interpreters for the deaf, readers for the blind, assistance with registration, administration of classroom exams, assistance for students with learning disabilities and access guides to campus buildings. Students are encouraged to contact the office as early as possible. Located in Room 0126 Shoemaker, office hours are 8:30-4:30 Monday-Friday. Telephone 314-7682 (voice) or 314-7683 (TDD).

Learning Assistance Service (LAS). Educational Specialists offer individual and group sessions for improving academic skills such as reading, writing, listening, note taking, and how to learn mathematics and science material. Workshops cover such topics as study skills, time management, learning math skills, exam anxiety, and learning English as a second language. Telephone: 314-7693.

Returning Students Program. A wide variety of workshops, ongoing consultation, counseling, referrals, and orientation programs are provided to address the needs of students aged 25 or over who are beginning or coming back to school after a break in their formal education. A one credit course, EDCP 108R, is offered Spring and Fall semesters to provide returning students with study skills techniques and information about campus resources, as well as exploration of academic, career and personal goals. A popular offering is the Returning Students Coffee and Conversation Group. Drop in any Monday 12:00-2:00 with your lunch. Located in Room 2201 Shoemaker. Telephone: 314-7693.

Testing, Research and Data Processing Service. National testing programs such as CLEP, GRE, LSAT, MCAT, GMAT and Miller Analogies are administered through this office as well as testing for counseling purposes, including vocational assessment. In addition, the staff members provide a wide variety of research reports on characterists of students and the campus environment. Telephone: 314-7688.

Parent Consultation and Child Evaluation Service. Professional help is available through consultation, testing, and counseling for youngsters ages 5-14 and families. Telephone: 314-7673.

Counseling Center services allow students to overcome barriers to their learning and development. Center professionals are highly committed to help you reach your goals. Call or come to the Shoemaker Building for more information or to schedule an appointment.

Emergency Weather Conditions

When there is a snow emergency, you should listen to the radio or watch T.V. to find out whether the university has decided to close. The following are the T.V. channels and radio stations the university contacts when there is an announcement to **CLOSE** the university because of a snow emergency. **NO ANNOUNCEMENTS ARE MADE WHEN THE UNIVERSITY REMAINS OPEN.**

Radio Station	*Frequency*	*Location*	*T.V. Station*	*Channel*	*Location*
WMZQ	98.7 FM	D.C. Area	WJLA	7	D.C. Area
WAVA	105 FM	D.C. Area	WRC	4	D.C. Area
WASH	97.1 FM	D.C. Area	WUSA	9	D.C. Area
WTOP	1500 AM	D.C. Area	WTTG	5	D.C. Area
WRC	980 AM	D.C. Area	WJZ	13	Baltimore Area
WMAL	630 AM	D.C. Area	WMAR	2	Baltimore Area
WGMS	103.5 FM	D.C. Area	WBAL	11	Baltimore Area
WKYS	93.9 FM	D.C. Area			
WLIF	102 FM	Baltimore Area			
WBAL	1090 AM	Baltimore Area			
WCAO	600 AM	Baltimore Area			

CAMPUS INFORMATION: 405-1000

As soon as a snow emergeny is decided upon, the Office of Public Information calls all of the media listed above. Although the university tries to insure that its message is used, it cannot control announcements presented on the radio or T.V.

Engineering Jobs Hotline — 314-9289

This is a listing of currently available part-time, off- and on-campus engineering jobs paying various hourly rates. The line is in operation 24 hours a day. Call 314-9289.

English Editing for International Graduate Students

The English Editing for International Graduate Students (EEIGS) program, operating under the aegis of the University of Maryland Office for Graduate Studies & Research, offers editing services to international graduate students who must present their required seminar papers, theses, dissertations, etc. in English. This program is staffed by volunteers from the university's Retired Volunteer Corps and Golden ID group, and by volunteers from other university and non-university sources. These services are free.

The EEIGS program operates as follows:

1. Names and telephone numbers of volunteer editors whom the student may call on may be obtained by calling Mr. Freitag, the program coordinator at (301) 277-3449.
2. The student can contact a volunteer editor to arrange for the editing services. If an arrangement does not work out satisfactorily, either the student or the volunteer editor may discontinue the service. The student may then seek another volunteer editor.
3. Editing services are expected to take place on the University of Maryland campus. The student is responsible for finding working space (an empty classroom or office in the department in which the student is majoring).
4. The student is expected to inform the Director of Graduate Studies of the department in which he/she is majoring about the aid being received through this program.

There are also graduate students and others on the University of Maryland campus who offer English language editing services for a fee. Graduate students in the Department of English who will do editing for a fee can be contacted through the Director of Graduate Studies, Department of English, Taliaferro Hall (405-3798).

Experiential Learning Programs

0119 Hornbake Undergraduate Library, 405-3956

Experiential Learning Programs (ELP) offers four of the University's most exciting learning opportunities—internships, cooperative education, volunteer service, and student exchange. Each is designed to give students "hands-on" experience that can help them integrate classroom learning with practice, gain valuable on-the-job experience, make professional contacts, observe career fields first-hand, experience different educational, work or cultural environments and clarify personal and professional goals.

Internships

An internship is paid or unpaid work experience with specific educational objectives that may be granted academic credit. Students can use extensive ELP listings, which include more than 1500 opportunities in more than 1000 organizations, businesses and agencies to identify possible internships. In addition, the ELP staff can show students how to investigate and design unique internship opportunities which might not be listed in our files. Once students have found a placement, they must enlist a full-time faculty member to provide sponsorship for academic credit.

Internship Credit Policies for ___386/___387

Internship credit policies are currently under review. Students should consult with an advisor before registering for ___386/___387 to obtain the latest information.

Students may be able to earn academic credit for their internship experiences through departmental internships or through the campus-wide internship courses ___386 Field Experience and ___387 Analysis of Field Experience. The following are Campus Senate Policies regarding ___386/___387:

- ___386 and 387 may be taken by any student with the permission of a full-time faculty member, **if** it is a department option and in accordance with departmental requirements and internship policies.
- ___386 and ___387 must be taken concurrently.
- ___386 and ___387 are variable credit courses. Each may be awarded from 1-3 credits with a maximum of 6 credits for the two courses combined, unless otherwise stipulated by departmental policy.
- ___386 and ___387 may be taken only once in a given department.
- ___386 and ___387 may be taken in only one department per semester.
- ___386 and ___387 may be taken for a maximum of 4 credits in an undergraduate program.

Mandatory Learning Proposals

Learning Proposals, which can be obtained in the ELP office, are mandatory for all students taking ___386 Field Experience and ___387 Analysis of Field Experience.

The Learning Proposal is a learning contract that spells out and clarifies the nature of a student intern's placement, learning objectives, specific responsibilities, supervision, in-service training, method of evaluation, and contact with the faculty sponsor. The process for developing a Learning Proposal is intended to include the student, faculty sponsor and the on-site supervisor, all of whom must sign the finished proposal before it is returned to ELP.

Students must have Learning Proposals completed and copies to ELP, faculty sponsors and on-site supervisors **submitted by the end of the late registration for the semester or summer session in which credits will be earned.** If the Learning Proposal is not completed, the student will not be eligible to earn ___386/___387 credit. It is, however, strongly recommended that the Learning Proposal be completed before a student registers for ___386/___387. Thus, the student, faculty sponsor and on-site supervisor can be in agreement about the expectations of the internship experience prior to registration.

Cooperative Education for Liberal Arts, Business and Sciences

Cooperative Education is the most intensive form of experiential learning. Students either alternate semesters of full-time paid employment with semesters of full-time study, or work in paid part-time positions while enrolled full-time at UMCP. Co-op employers include hundreds of agencies within the federal government and leading private organizations. Many co-op students are offered permanent positions after graduation. To be eligible a student must have completed 36 college credits, 12 UMCP credits (undergraduates) or 9 UMCP credits (graduate students) each semester before co-oping, and maintain a 2.0 G.P.A. cumulative, in their major, and each semester before co-oping, and maintain a 2.0 G.P.A. cumulative, in their major, and each semester before co-oping (undergraduates) or 3.0 G.P.A. (graduate students) cumulative. Sign-up for one of our weekly information sessions to learn how co-op can help you earn a future while you earn a degree! But remember, you need to apply a full semester in advance of when you would like to co-op, so stop by today!

Volunteer Service

Students can learn while being of service to others as a student volunteer. the ELP office lists more than 400 different opportunities for community and public service in a variety of settings, addressing such issues as child welfare, family services, literacy, hunger, homelessness, and environmental preservation. Students are encouraged to incorporate some volunteer service as part of their undergraduate experience. The opportunities to be of service are almost without limit. Students eligible for College Work Study may be able to find placements in community service agencies and earn their CWS award off campus.

National Student Exchange Program (NSE)

The National Student Exchange Program offers UMCP students the opportunity to study at 99 participating public colleges and universities across the country. UMCP students pay their Maryland tuition and fees to UMCP and room and board to their host campus. Students may exchange for a semester or a year. NSE offers the opportunity to explore new geographical settings, investigate graduate school options, experience academic diversity, and study under different educational and social circumstances in various parts of the continental U.S., Hawaii, Alaska and U.S. territories. While the application deadline is March 1st for the following academic year, students who are interested in NSE are encouraged to contact the ELP office as soon as possible to plan for their exchange. Students may not exchange during their senior year, and must have at least a 2.5 G.P.A. at the time of application and exchange.

Golden Identification Card Program

College Park participates in the University of Maryland's Golden Identification Card Program. The institution will make available courses and various services to persons who are 60 years of age or older, who are legal residents of the State of Maryland and who are retired (not engaged in gainful employment for more than 20 hours a week). When persons eligible for this Program apply to take coursework and are admitted to the University, they register on a space available basis for credit courses as regular or special students in any session and receive a Golden Identification Card. Golden ID students must meet all course pre-requisite and co-requisite requirements. Golden ID students are not eligible for Consortium courses with the waiver of fees. College Park tuition and most other fees are waived. Golden ID students may register for a maximum of three courses per term. The Golden Identification Card will entitle eligible persons to certain academic services, including the use of the libraries, as well as certain other non academic services. **Such services will be available during any session only to persons who have registered for one or more courses for that session.**

Golden ID students also have the opportunity to become involved with the Golden ID Student Association which provides cultural and social events, course recommendations, and peer advising.

Additional information may be obtained from the Office of Undergraduate Admissions, Mitchell Building, 314-8385, or the Golden ID Student Program, Room 0119 Hornbake Library, 405-3956.

Guidelines to Administration for Examinations and Tests, Including Those on Religious Holidays

All examinations and tests shall be given during class hours in accordance with the regularly scheduled (or officially "arranged") time and place of each course listed in the *Schedule of Classes*. Unpublished changes in the scheduling or location of class/tests must be approved by the department chair and reported to the Dean. It is the responsibility of the student to be informed concerning the dates of announced quizzes, tests and examinations.

It is the policy of the University to excuse the absences of students that result from religious observances and to provide without penalty for the rescheduling of examinations and other written tests that fall on religious holidays. In addition, examinations and other written tests may not be scheduled on Rosh Hashannah, Yom Kippur, or Good Friday.

A make-up examination, when permitted, must be given on Campus, unless the published schedule and course description require other arrangements. The make-up examination must be at a time and place mutually agreeable to the instructor and student, cover only the material for which the student was originally responsible, and be given while the material is still current. The make-up must not interfere with the student's regularly scheduled classes. In the event that a group of students requires the same make-up examination, one make-up time may be scheduled at the convenience of the instructor and the largest possible number of students involved. Under the same guidelines students shall have equal access to all information and drills missed due to the reasons listed.

An instructor is not under obligation to give a student a make-up examination unless the absence was caused by illness, religious observance, participation in University activities at the request of University authorities, or compelling circumstances beyond the student's control. In cases of dispute the student may appeal to the Chair of the department offering the course, *within one week from the date of the refusal of the right to take a make-up exam.*

Identification Cards

New Photo Identification Cards will not be issued to students who currently have them.

Students who registered early for the Fall 1991 session will receive a new Registration Card along with their Class Schedule and Bill. This card will validate the Photo Identification Card. Both cards should be carried at all times.

Students who have not registered will receive identification cards when they do register.

Together the Photo Identification Card and Registration Card can be used by all students to withdraw books from the libraries, for admission to most athletic, social, and cultural events, and as a general form of identification on campus. Students who have food service contracts must use the Photo Dining Services Card for admission to the dining halls.

There is a replacement charge of $1.00 for lost or stolen Registration Cards and $7.00 for lost, stolen, or broken Photo Identification Cards.

Questions concerning the identification system should be addressed to the Office of Registrations 314-8239.

International Student Information

F-1 Visa Students: Students with F-1 status are responsible for following the regulations of the U.S. Immigration and Naturalization Service pertaining to their F-1 status. The regulations affect extension of stay, transfers, off-campus employment authorization, practical training and course loads. The Office of International Education Services is the only authorized office on campus to sign documents which must be forwarded to the Immigration Service.

Students on Nonimmigrant Student (F-1 and J-1) Visas: In order to maintain full-time student status for immigration purposes, undergraduate students are expected to register for and complete a minimum credit load of 12 hours per semester; graduate students are expected to register for and complete a minimum of 48 graduate units per semester. The Office of International Education Services must be notified in advance if you are going to complete the semester below the required minimum course load. Please watch for announcements from the Office of International Education Services about future changes in immigration regulations.

Passports: Your passport must be kept valid at all times for at least six months into the future.

All Students on Immigration and Nonimmigration Visas: Every semester, you are required to notify the Office of International Education Services of any change in your address and/or telephone number, in addition to notifying the Office of Registration and Records. You will be required to show proof of health insurance.

International Students Information and Questions: The Office of International Education Services, Room 3116A, Mitchell Building. Phone 314-7740.

Job Referral Service

The Job Referral Service, an extension of the Office of Student Financial Aid, maintains listings of available part-time, temporary, and summer jobs located on and off campus. There is no financial evaluation to determine the eligibility for positions listed. The jobs are offered independent of need.

This service is available at no cost to prospective employers and students. Employers list their vacancies through our office by calling 314-8323. Students must be enrolled for the current semester at the University of Maryland, College Park campus or University College. Employment advising is available by appointment or on a walk-in basis.

The Job Referral Service is located in Room 3120 Hornbake Library (South Wing) and is open Monday-Friday from 8:30 a.m.-4:30 p.m. Students are encouraged to stop by or call 314-8324 for more information about the service.

Off-Campus Housing Service

The Office of Commuter Affairs provides a free listing and referral service for all students, faculty and staff of the University who are seeking housing or have a property to rent. The office is located in 1195 Stamp Student Union and is open Monday-Friday, 8:30 a.m.-4:30 p.m., 314-3645.

Office of Public Service

The Office of Public Service provides information and liaison to outside callers interested in using the resources of any of the University of Maryland System's eleven campuses and four major research and service components. Help is available to staff and students, too. Publications include the UMS economic and community development brochure "UMS: Your Partner In Progress." Public Service Hotline: 853-3674 or toll-free 1-800-477-TIES.

Policy on Non-Discrimination

The University of Maryland is an equal opportunity institution with respect to both education and employment. The University's policies, programs and activities conform to pertinent federal and state laws and regulations on non-discrimination regarding race, color, age, national origin, sex, and handicap. Inquiries regarding compliance with Title VI of the Civil Rights Act of 1964 as amended, Title IX of the 1972 Education Amendments, Section 504 of the Rehabilitation Act of 1973, or related legal requirements should be directed to the appropriate individuals designated below.

Campus Compliance Officer
Office of Human Relations Programs
Room 1107, Hornbake Library
University of Maryland, College Park
College Park, Maryland 20742

Campus Coordinator for 504 of the
Rehabilitation Act of 1973
Room 2101, Main Administration Building
University of Maryland, College Park
College Park, Maryland 20742

Policy on Participation by Students in Class Exercises that Involve Animals

Students who are concerned about the use of animals in teaching have the responsibility to contact the instructor, prior to course enrollment, to determine whether animals are to be used in the course, whether class exercises involving animals are optional or required and what alternatives, if any, are available. If no alternatives are available, the refusal to participate in required activities involving animals may result in a failing grade in the course. Departments including courses where animals are used must actively inform students of such courses, including but not limited to, notices in the Catalog.

The University of Maryland, College Park campus, affirms the right of the faculty to determine course content and curriculum requirements. The University, however, also encourages faculty to consider offering alternatives to the use of animals in their courses. In each course, the instructor determines whether the use of animals in classroom exercises will be a course requirement or optional activity. The following departments currently have courses that may require animals to be used in class activities: Animal Sciences, Microbiology, Poultry Science, Psychology, Veterinary Medicine, Zoology, and courses with the NUSC or NUTR prefixes.

Repeat Policy

The University of Maryland has instituted a new REPEAT POLICY effective Fall 1990. Under the New Policy:

1. **There is a limit to the number of times a student may repeat a course.** Students may have one repeat of any given course in which a grade of A,B,C,D,F,P,S, or W has been earned on their records. No student may be registered, after the schedule adjustment period, for any given course more than two times. An exception allowing one additional repeat in a course may be granted by a dean's office. When requesting such an exception, a student must present a plan for successfully completing the course.
2. **There is also a limit on the number of courses that a student may repeat.** The total number of different course that may be repeated by a student will be a function of his/her class standing when admitted to the University of Maryland at College Park. The following table will be applied.

Credits at Entry	Class	Repeatable Credits
0-27	Freshman	18
28-55	Sophomore	14
56-85	Junior	10
86+	Senior	6

   An exception to these limitations may be obtained under very unusual circumstances by an appeal to the Vice President for Academic Affairs/Provost.
3. All attempts at a given course resulting in a grade of A,B,C,D, or F will be included in the computation of the grade point average. However, the following two exceptions are made to assist the adjustment to the campus of students admitted as freshmen to College Park, and students transferring to the College Park campus from other institutions of higher learning. Grades in courses will be dropped from the cumulative grade point average if they are subsequently repeated with a higher grade provided that:
   A) They are attempted during the first semester of residence at College Park,
   or
   B) The student's first registration in the class for which the grade is to be dropped is during or prior to the semester in which the student reaches the 24 credit limit (the total number of credits earned at College Park plus credits transferred to College Park from other institutions of higher education).
   Any grade earned in prior attempts of a repeated course will appear on the student's transcript, regardless of whether the grade is dropped from or averaged into, the cumulative grade point average.

Implementation Procedure

1. All new freshmen or transfer students from *other* than Maryland Community Colleges matriculating at UMCP for the Fall 1990 semester will be required to follow the new policy.
2. Students who matriculated at UMCP or at a Maryland Community College prior to Fall 1990 will be eligible for the old repeat policy.
3. Students who enter UMCP for summer 1990 will be under the old repeat policy.
4. Students who matriculated at another University of Maryland System institution and began at UMCP Fall 1990 or after will be under the new repeat policy.
5. Students may register for a course only twice unless granted an exception by the Dean of their College. Exceptions granted by a Dean *will* be counted against the credit limit for repeats *unless the Dean requests otherwise.*
6. In addition to the grades specifically listed in the policy, these additional marks will count as attempts in the repeat program: I, NGR, Audit.
7. The credits at entry will be based on *acceptable* transfer credit.
8. All attempts will be averaged except: when the course is taken within the student's first 24 credit hours (including transfer credit) or when the course is taken in the students first semester at UMCP.
9. All courses taken within the term that a student reaches the 24 credit hour threshold can be repeated with only the higher grade included in the cumulative grade point average.

Sexual Harrassment

A revision of the 1980 statement of sexual harrassment has been issued by The President's Office. The statement, entitled Campus Policy and Procedures on Sexual Harrassment, may be obtained by calling the Human Relations Office, 405-2838.

Shuttle-UM

Shuttle-UM is a student operated transit service which offers commuter transit, night campus security transportation, charter service, and special service for disabled students. Schedules and maps are available at the Stamp Union Information Desk, the Office of Commuter Afairs, and at the Shuttle-UM Office in Lot 7. For Shuttle-UM information, call the following numbers:

Employment & General Information 314-2255 (x4-CALL)
Charter Information 314-7271
Paratransit Information 314-7260

Smoking Policy

The policy of the College Park campus is to achieve a public environment as close to smoke-free as practicably possible.

The campus smoking policy is comprised of the following guides:

Smoking is prohibited in indoor locations where smokers and non-smokers occupy the same area. This includes academic areas such as: classrooms, lecture halls, laboratories, and libaries. Other no smoking areas include: conference rooms, indoor athletic facilities, theatres, retail stories, health facilities, and common/public areas such as: stairwells, elevators, lobbies, hallways, reception areas, and restrooms.

As a general rule, preferential consideration shall be given to non-smokers whenever it is clear that they are being exposed involuntarily to smoke. This policy relies on the thoughtfulness, consideration, and cooperation of smokers and non-smokers for its success. It is the responsibility of all members of the campus community to observe the Smoking Policy and Guidelines, and to direct those who choose to smoke to designated 'Smoking Permitted' areas.

16 General Information

Student Employment Center

The Student Employment Center is a centralized service for undergraduate students seeking on-campus employment within the Departments of Resident Life. The SEC maintains job descriptions of all the positions for which the Departments are recruiting and hiring. Positions include but are not limited to: desk receptionist, Resident Assistants and security staff. The SEC provides a free service to all undergraduate students at the University of Maryland.

The Student Employment Center is located in Room 0117 of Cumberland Hall. Hours are: Monday-Friday 8:30 to 4:30. Telephone: 314-5111.

Study Abroad

Advising is available on study, travel, and work abroad opportunities. Listed below are study programs sponsored by the University of Maryland. If you do not see a program that interests you, advisors can refer you to numerous other programs sponsored by U.S. and foreign institutions.

Study in London — The curriculum consists of courses in the Humanities, Business and the Social Sciences which focus on Britain. Students are housed with families or in flats to increase their immersion in British life.

Study in Israel — Offers a semester of study in Israel for the Spring Semester. The program includes a four-day orientation in Tel Aviv and Jerusalem, a kubbutz stay and an intensive Hebrew language course. Students then attend Tel Aviv University where they take courses taught in English that focus on Israeli and Middle East studies.

Study in Denmark — The curriculum offers courses in English focusing on contemporary Europe. Students housed with families or in dorms.

Study in Brazil — Offers courses in Portuguese at the Pontifical Catholic University of Rio de Janeiro.

Study in France — This program offers special courses for foreigners or regular courses at the University of Nice for a full year or spring semester.

Summer programs — For 1992 the following will be offered: German language in Munich, Germany, Spanish Language in Madrid, Spain, architecture in Paris, dance in Ghana, Africa, and British Broadcasting in London, England.

German and Engineering: As part of a dual degree program, students spend 6 months in Germany studying the language and completing an internship with an engineering company.

Maryland Exchanges — There are exchanges with schools in England, Japan, Austria and Germany. All require at least 2 years of appropriate language study and a 3.0 G.P.A.

FOR INFORMATION, CONTACT: Study Abroad Office, 3125 Mitchell Building, 314-7746.

Transcript Services

An unofficial transcript will be available with your early registration materials each semester. This copy is for your personal use and serves as a way for you to check the accuracy of the record. At other times unofficial transcripts are not available unless required for on-campus advisement purposes for currently enrolled students. They are available at Deans' offices on campus.

If you have need of record information for other purposes, please request an official transcript at the Records and Registrations Office, Mitchell Building. Upon presentation of identification students who have been enrolled since 1985 receive their official transcript on the spot. If you are unable to come in person, written requests may be mailed to our office. Generally requests are processed the following day. A transcript cannot be processed if an outstanding debt is owed to the University. Contact the Records and Registration Office (314-8240) if you have further questions.

Tutorial Services

FREE tutorial services are available to all UMCP students for most 100- and 200-level courses. Students will be tutored by highly skilled, selectively chosen graduate and undergraduate students. To request tutoring, go to the office of Intensive Educational Development (IED), Room 0112 Chemistry Building. You will be assigned a tutor at that time, or shortly thereafter. It is advisable to submit requests for tutoring **early** in the semester.

Students interested in becoming tutors should call 405-4749 or go to Room 0112 Chemistry Bldg. to pick up an application and to obtain further information.

Our office also maintains an extensive collection of past exams and quizzes for courses in chemistry, math, and various other subjects, which students may request, copy and return. To request past examination papers, go to Room 0112 Chemistry Bldg. You must present a valid University ID before receiving any past exam papers.

UMaps

"Find Yourself" at UMCP. UMaps highlight campus opportunities by helping you to identify courses, clubs, activities, internships, and employment related to your particular areas of interest. Look for UMaps posted around campus, and pick up your personal copies at the Office of Commuter Affairs, 1195 Stamp Student Union, 314-3645.

UMCP Human Relations Code

THE UMCP HUMAN RELATIONS CODE PROHIBITS DISCRIMINATION WITHIN THE COLLEGE PARK COMMUNITY ON THE BASIS OF

- race
- color
- creed
- sex
- sexual harassment
- age
- marital status
- national origin
- personal appearance
- political affiliation
- mental or physical handicap

- The exercise of the rights secured by the First Amendment of the United States Constitution, such as the right to assemble peacefully, freedom of speech, including the expression of sexual preference.

If You feel you have been subjected to any form of discrimination, you may file a complaint with the member of the Human Relations Code Equity Team, which includes

MICHAEL POWELL, J.D.
Campus Compliance Officer
Human Relations programs
1107 Hornbake library
405-2838

EQUITY ADMINISTRATORS:

DR. AMEL ANDERSON (Deseg.)
College of Life Sciences
1224 Symons Hall
x5-2085

DR. MARILYN BERMAN (Aff. Act.)
College of Engineering
1137 Engineering Classroom Building
x5-3871

DR. CORDELL BLACK (Aff. Act.)
College of Arts and Humanities
1101 Frances Scott Key Hall
x5-4030

DR. GLADYS BROWN
Office of Human Relations
1107 Hornbake Library
x5-2838

DR. DARIO CORTES
Graduate Minority Affairs
2133 Lee Building
x5-4181

DR. WILLIAM CUNNINGHAM
College of Library and Information Services
4111C Hornbake Library
x5-2046

MR. VICTOR KORENMAN
College of Computer, Mathematical & Physical Sciences
2300 Mathematics Building
x5-2313

MS. COLLEEN (COKE) FARMER
College of Health and Human Performance
2314 Health and Human Performance Bldg.
x5-2475

MS. SHARON FRIES-BRITT
Student Affairs
2108 Mitchell Building
x4-8431

MR. RAY GILLIAN
Office of the President
1111 Main Administration Building
x5-5795

MS. NANCY HILES
Institutional Advancement
2101 Turner Lab
x5-4631

DR. DIANA JACKSON
College of Behavioral and Social Sciences
2141 Tydings Hall
x5-1679

MR. GENE JOHNSON (Aff. Act.)
College of Life Sciences
1105 Symons Hall
x5-1176

DR. JEANETTE KREISER
College of Education
3119 Benjamin Building
x5-2339

DR. NOEL MYRICKS
College of Human Ecology
1204F Marie Mount Hall
x5-4007

MR. JAMES NEWTON
College of Engineering
1131L Engineering Classroom Bldg.
x5-3860

DR. WILLIAM POWERS
School of Public Affairs
2108 Morrill Hall
x5-6336

MR. STEPHEN SACHS
School of Architecture
1205 Architecture Building
x5-6314

DR. GREIG STEWART
College of Journalism
2115 Journalism Building
x5-2390

DR. SYLVIA STEWART
Administrative Affairs
1132 Main Administration Building
x5-1109

DR. MARY SUSAN TAYLOR
College of Business and Management
1153 Tydings Hall
x5-2240

UMCP Libraries

UMCP Libraries includes over 2 million volumes, approximaely 4.2 million microform items, and approximately 23,000 current periodicals and newspapers, as well as 700,000 government documents, over 180,000 maps and 93,000 nonprint media sources. Reference sources, both automated and print, provide up-to-date and effective access to information.

The **Theodore R. McKeldin Library (West)** is the main library of the UMCP library system, containing automated and printed reference works, periodicals, circulating books, and other materials to support mainly the graduate and research programs of the University in the life sciences, social sciences and humanities. The McKeldin Library (East) is temporarily closed for renovation, and its collections and services are available from McKeldin (West) and the Hornbake Library.

The **Hornbake Library** houses reference, circulation, and reserve services aimed for undergraduates, and has a study room open 24 hours a day during spring and fall semesters. The Nonprint Media Services Department on the fourth floor of Hornbake Library features color video tape players and playback units, enclosed rooms equipped with instructor's consoles for the use of nonprint media materials, dial access capabilities for instructional purposes, as well as tapes, records and films for use of the university community. Special collections, including literary manuscripts and archives, the East Asia Collection, Maryland state documents and Maryland related books and manuscripts and University of Maryland archives, U.S. government documents and maps are housed temporarily in the Hornbake Library, until the McKeldin renovation is complete. Besides Hornbake Library, other UMCP libraries include:

- **Art Library** (Art-Sociology Building)
- **Architecture Library** (Architecture Building)
- **Engineering and Physical Sciences Library** (Mathematics Building)
- **Music Library** (3rd floor, Hornbake Library)
- **White (Chemistry) Memorial Library** (Chemistry Building)

All UMCP student, faculty, and staff may borrow from all UMCP Libraries.

University College Students

University College students who wish to enroll at the College Park campus while continuing to pursue a degree program at University College must first obtain a letter of permission from University College. In order to be eligible for a letter of permission you must meet these criteria:

- Be a Special or Regular student seeking an undergraduate degree from University College.
- Have successfully completed at least 15 semester hours of coursework with University College.
- Have a minimum cumulative grade point average (GPA) of 2.0 or higher at University College. If you were previously academically dismissed from UMCP and seek a letter of permission to attend that campus, your University College grade point average must be 2.5 or better.
- Have received at least a tentative evaluation cornpleted by a University College academic advisor. (A tentative evaluation requies 4 to 6 weeks to prepare, so **ASK EARLY.**)
- Have requested an official evaluation from University College. (Before your official evaluation can be prepared, all official transcripts must be in your academic file.)
  Demonstrate genuine need to enroll at UMCP instead of University College.
  Be eligible for admission (or readmission) to UMCP.

If you are eligible, you may obtain the form to request a letter of permission to take courses at UMCP by writing the UMUC Office of Student Services at the Center of Adult Education, Room 0300, or by calling 985-7268. The deadline to submit a request form for a letter of permission for Summer 1991 is May 10, for Fall 1991 is August 9, 1991 and for Spring 1992, January 3rd.

Processing your request will take approximately four weeks, so you should submit your request well in advance of the time when you need the letter of permission to register at UMCP. Please note the approval is not automatic, that a letter of permission is valid only for undergraduate courses and for only one semester, and that you may receive letters of permission for no more than two consecutive semesters.

Credits earned through a letter of permission to attend UMCP will be evaluated as transfer credit. In order to have the credit evaluated, you must request that an official transcript be sent from the transcript office at UMCP to the University College Office of Admission. Coursework taken under a letter of permission does not satisfy the 30 s.h. residency requirement at University College, and it does not affect your University College grade point average.

University Health Center (UHC)

The UM University Health Center (UHC) is located on Campus Drive, across from the Stamp Union. The services provided by the UHC include: primary care for illness and injury, dental clinic, men's clinic, women's clinic, allergy clinic, skin care clinic, sports medicine, physical therapy (located in the HHP Building), nutrition education, mental health clinic, social services, laboratory, radiology (x-ray) and a pharmacy. Indivividual and group health education programs are available on topics such as sexual health and contraception, date rape, stress management, substance abuse, dental health, eating disorders, depression and suicide. The UHC is open Monday through Friday from 7:00 a.m. until 11:00 p.m., and Saturday and Sunday from 9:00 a.m. until 5:00 p.m., with varied hours during semester breaks and holidays. Students are seen by appointment between 9:00 a.m. and 5:00 p.m. on weekdays. All currently registered students are eligible for care. While the student health fee covers most routine costs at the UHC, there are charges for some services, such as X-rays, lab work, dental treatment, allergy injections, physical therapy, prescriptions, CPR certification, and DWI/DUI classes. All students are encouraged to carry hospitalization insurance. All students' medical records are strictly confidential and may only be released by the student's consent or through a court ordered subpoena.

UHC Phone Numbers:

Information	314-8180	Health Education	314-8128
Appointments	314-8184	Health Insurance	314-8165
Mental Health	314-8106	Dental Clinic	314-8178
Pharmacy	314-8167		

University Policy on Disclosure of Student Records (Buckley Amendment)

The University of Maryland adheres to a policy of compliance with the Family Educational Rights of Privacy Act (Buckley Amendment). With certain limitations, this Act requires and it is the policy of the University:

(1) To permit students to inspect their education records.

(2) To limit disclosure to others of personally identifiable information from education records without student's prior written consent.

(3) To provide students the opportunity to seek correction of their education records where appropriate.

Prior consent will not be required for disclosure of educational records to school officials of the University of Maryland who have been determined to have legitimate educational interests.

Certain information has been designated "Directory Information" and will be disclosed without prior consent unless a student files written notice. Directory information consists of:

Name	Participation in Officially Recognized Activities and Sports
Address	Weight and Height of Members of Athletic Teams
Telephone Listing	Dates of Attendance
Date and Place of Birth	Degrees and Awards Received
Photograph	Most Recent Provious Educational Institution Attended
Major Field of Study	

Students who wish to limit the disclosure of Directory information or wish access to their official records should obtain the appropriate form at the Registrations Counter. Mitchell Building, and return the completed form to the Registrations Counter. **Requests to limit disclosure of Directory information must be made within 3 weeks from the first day of the semester in which the student begins each school year. Such requests must be filed annually within the above allotted time.**

Students alleging University noncompliance with the Family Educational Rights and Privacy Act may file a written complaint with the Family Educational Rights and Privacy Office, United States Department of Education, 330 Independence Avenue, S.W., Washington, D.C. 20201.

For complete University policy on access to and release of student data information, see the current edition of the *Undergraduate Catalog*.

Veterans Benefits

Students attending the University under the Veteran's Education Assistance Act may receive assistant and enrollment certification at the Veterans Certification Office in Records and Registrations on the 1st floor of the Mitchell Building. The Staff is available to assist regarding monthly educational assistance checks as well as other benefits such as tutoring assistance and vocational rehabilitation services. Telephone 314-8239.

It is the responsibility of veterans and dependents receiving VA benefits to notify the Veterans Certification Office of every change of course or program. The following types of changes must be reported: credit level or grading option change, change of major, change of address, graduation, academic dismissal or reinstatement actions, and intent to transfer from the College Park Campus. The University Veterans Office is required to notify the U.S. Veterans Administration Office of the above changes to prevent delays in receipt of benefits.

College Locations and Deans

College	*Location*	*Dean*	*Office*	*Phone*
Agriculture	1224 Symons Hall	Dr. Paul H. Mazzocchi (Acting)	1224 Symons Hall	405-2080
Architecture	1298 Architecture	Prof. Steven W. Hurtt	1212 Architecture	405-6284
Arts & Humanities	1111 Francis Scott Key	Dr. Robert Griffith	1102 Francis Scott Key	405-2109
Behavioral & Social Sciences	2115 Tydings Hall	Dr. Murray E. Polakoff	2127 Tydings	405-1697
Business & Management	2136 Tydings Hall	Dr. Rudolph P. Lamone	3140 Tydings	405-2299
Computer, Mathematical & Physical Sciences	2300 Math Bldg.	Dr. Richard H. Herman	2300 Math Bldg.	405-4906
Division of Letters & Sciences	1117 Hornbake Library	Dr. Betty Beckley (Assistant Dean)	1117 Hornbake Library	314-8418
Education	1210 Harold R. Benjamin (Education Bldg.)		3119 Harold R. Benjamin (Education Bldg.)	405-2334
Engineering	1131 Engineering Classroom Bldg.	Dr. George E. Dieter	1137 Engineering Classroom Bldg.	405-3868
Graduate School	2nd Floor, Lee Bldg.	Dr. Jacob Goldhaber	2133F Lee Bldg.	405-4176
Health and Human Performance	3310 Health and Human Performance Bldg.	Dr. John J. Burt	3310D HLHP Bldg.	405-2438
Human Ecology	1100 Marie Mount Hall	Dr. Laura Sims	1100 Marie Mount Hall	405-2358
Journalism	1117 Journalism Bldg.	Prof. Reese Cleghorn	2105 Journalism Bldg.	405-2399
Library & Information Services	4105 Hornbake Library	Dr. Claude E. Walston	4105E Hornbake Library	405-2033
Life Sciences	1224 Symons Hall	Dr. Paul H. Mazzocchi (Acting)	1224 Symons Hall	405-2080
Public Affairs	2105 Morrill Hall	Dr. Michael Nacht	2105 Morrill Hall	405-6330
Undergraduate Studies	1115 Hornbake Library	Dr. Kathryn Mohrman	1115 Hornbake Library	405-9363

College Organizational Chart

COLLEGE OF AGRICULTURE
- DEPARTMENT OF
  - AGRICULTURAL ENGINEERING
  - AGRICULTURAL AND EXTENSION EDUCATION
  - AGRICULTURAL AND RESOURCE ECONOMICS
  - AGRONOMY
  - ANIMAL SCIENCES
  - HORTICULTURE
  - POULTRY SCIENCE
- INSTITUTE OF APPLIED AGRICULTURE
- PROGRAMS CURRICULUM
  - FOOD SCIENCE
  - GENERAL AGRICULTURE
  - NATURAL RESOURCES MANAGEMENT
  - UNDECIDED

VIRGINIA-MARYLAND REGIONAL COLLEGE OF VETERINARY MEDICINE — MARYLAND CAMPUS

SCHOOL OF ARCHITECTURE
- ARCHITECTURE AND ENGINEERING PERFORMANCE INFORMATION CENTER
- CENTER FOR ARCHITECTURAL DESIGN AND RESEARCH
- PROGRAMS/CURRICULUM:
  - ARCHITECTURAL HISTORY
  - DESIGN
  - PRESERVATION
  - TECHNOLOGY

COLLEGE OF ARTS AND HUMANITIES
- DEPARTMENT OF
  - AMERICAN STUDIES
  - ART
  - ART HISTORY AND ARCHAEOLOGY
  - CLASSICS
  - DANCE
  - ENGLISH
  - FRENCH AND ITALIAN LANGUAGES AND LITERATURES
  - GERMANIC AND SLAVIC LANGUAGES AND LITERATURES
  - HEBREW AND EAST ASIAN LANGUAGES AND LITERATURES
  - HISTORY
  - HOUSING & DESIGN
  - LINGUISTICS
  - MUSIC
  - PHILOSOPHY
  - RADIO/TELEVISION/FILM
  - SPANISH AND PORTUGUESE LANGUAGES AND LITERATUES
  - SPEECH COMMUNICATION
  - THEATRE
- PROGRAMS
  - COMPARATIVE LITERATURE
  - EAST ASIAN STUDIES
  - FOREIGN LANGUAGE (FOLA)
  - JEWISH STUDIES
  - ROMANCE LANGUAGES
  - RUSSIAN AREA STUDIES
  - WOMEN'S STUDIES
- CENTERS AND INSTITUTES
  - ART GALLERY
  - NINETEENTH CENTURY MUSIC
  - RENAISSANCE AND BAROQUE STUDIES
- LANGUAGE CENTER
  - LANGUAGE HOUSE
  - LANGUAGE MEDIA CENTER
  - MARYLAND ENLIGH INSTITUTE

COLLEGE OF BEHAVIORAL AND SOCIAL SCIENCES
- PROGRAMS/DEPARTMENTS:
  - AFRO-AMERICAN STUDIES
  - ANTHROPOLOGY
  - CRIMINAL JUSTICE AND CRIMINOLOGY
  - ECONOMICS
  - GEOGRAPHY
  - GOVERNMENT & POLITICS
  - HEARING & SPEECH SCIENCES
  - PSYCHOLOGY
  - SOCIOLOGY
  - URBAN STUDIES
- BSOS COMPUTER LABORATORY
- BUREAU OF BUSINESS AND ECONOMIC RESEARCH
- CENTERS:
  - CENTER FOR MINORITIES
  - CENTER FOR POLITICAL LEADERSHIP AND DEVELOPMENT
  - CENTER FOR INTERNATIONAL DEVELOPMENT AND CONFLICT RESOLUTION
  - CENTER FOR SUBSTANCE ABUSE
  - SURVEY RESEARCH CENTER

COLLEGE OF BUSINESS AND MANAGEMENT
- CENTER FOR BUSINESS AND PUBLIC POLICY
- CENTER FOR INNOVATION
- CENTER FOR MANAGEMENT DEVELOPMENT
- CENTER FOR PRODUCTIVITY AND QUALITY OF WORKING LIFE
- SMALL BUSINESS DEVELOPMENT CENTER
- PROGRAMS/CURRICULUM:
  - ACCOUNTING
  - BUSINESS & MANAGEMENT — GENERAL
  - BUSINESS & MANAGEMENT — GENERAL/INTERNATIONAL
  - DECISION AND INFORMATION SCIENCES
  - FINANCE
  - MANAGEMENT SCIENCE
  - MARKETING
  - HUMAN RESOURCE MANAGEMENT
  - PRODUCTION MANAGEMENT
  - STATISTICS
  - TRANSPORTATION

COLLEGE OF COMPUTER, MATHEMATICAL, AND PHYSICAL SCIENCES
- DEPARTMENT OF
  - COMPUTER SCIENCE
  - GEOLOGY
  - MATHEMATICS
  - METEOROLOGY
  - PHYSICS AND ASTRONOMY
- CENTER FOR AUTOMATION RESEARCH
- INSTITUTE FOR ADVANCED COMPUTER STUDIES
- INSTITUTE FOR PHYSICAL SCIENCE AND TECHNOLOGY
- LABORATORY FOR PLASMA AND FUSION ENERGY STUDIES

COLLEGE OF EDUCATION
- DEPARTMENT OF
  - COUNSELING AND PERSONNEL SERVICES
  - CURRICULUM AND INSTRUCTION
  - EDUCATION POLICY PLANNING AND ADMINISTRATION
  - HUMAN DEVELOPMENT
  - INDUSTRIAL TECHNOLOGICAL AND OCCUPATINAL EDUCATION
  - MEASUREMENT STATISTICS AND EVALUATION
  - SPECIAL EDUCATION
- CURRICULUM LABORATORY
- CENTER FOR EDUCATIONAL RESEARCH AND DEVELOPMENT
- EDUCATIONAL TECHNOLOGY CENTER
- CENTER FOR YOUNG CHILDREN
- OFFICE OF LABORATORY EXPERIENCES

COLLEGE OF ENGINEERING
- DEPARTMENT OF
  - AEROSPACE ENGINEERING
  - AGRICULTURAL ENGINEERING (See also College of Agriculture)
  - CHEMICAL ENGINEERING
  - CIVIL ENGINEERING
  - ELECTRICAL ENGINEERING
  - FIRE PROTECTION ENGINEERING
  - MECHANICAL ENGINEERING
  - NUCLEAR ENGINEERING
- CENTER FOR MINORITIES IN SCIENCE & ENGINEERING
- COOPERATIVE EDUCATION
- ENGINEERING RESEARCH CENTER
- INSTRUCTIONAL TELEVISION
- SYSTEMS RESEARCH CENTER

COLLEGE OF HEALTH AND HUMAN PERFORMANCE
- DEPARTMENT OF:
  - HEALTH EDUCATION
  - KINESIOLOGY
  - RECREATION
- CENTER ON AGING

COLLEGE OF HUMAN ECOLOGY
- DEPARTMENT OF
  - FAMILY AND COMMUNITY DEVELOPMENT
  - HUMAN NUTRITION AND FOOD SYSTEMS
  - TEXTILES AND CONSUMER ECONOMICS
  - UNDECIDED

COLLEGE OF JOURNALISM
- CENTER FOR RESEARCH IN PUBLIC COMMUNICATION
- COLEGE OF JOURNALISM
- ADVERTISING
- BROADCAST NEWS
- NEWS EDITORIAL
  - — MAGAZINE
  - — NEWS
  - — PHOTOJOURNALISM
- PUBLIC RELATIONS

COLLEGE OF LIBRARY AND INFORMATION SERVICES

COLLEGE OF LIFE SCIENCES
- DEPARTMENT OF
  - BOTANY
  - CHEMISTRY AND BIOCHEMISTRY
  - ENTOMOLOGY
  - MICROBIOLOGY
  - ZOOLOGY
- MARINE AND ESTUARINE ENVIRONMENTAL STUDIES PROGRAM
- WATER RESOURCES RESEARCH CENTER
- PROGRAMS/CURRICULUM
- BIOLOGICAL SCIENCES [NEW PROGRAM FALL 1991]
  - GENERAL BIOLOGICAL SCIENCES [PRE-FALL 1991 PROGRAM]
  - UNDECIDED

SCHOOL OF PUBLIC AFFAIRS
- PROGRAMS
  - ENVIRONMENTAL POLICY
  - NATIONAL SECURITY STUDIES
  - PUBLIC POLICY AND PRIVATE ENTERPRISE
  - PUBLIC SECTOR FINANCIAL MANAGEMENT
  - SOCIAL POLICY
- BUREAU OF GOVERNMENTAL RESEARCH
- CENTER FOR INTERNATIONAL SECURITY STUDIES AT MARYLAND
  - ECONOMICS AND NATIONAL SECURITY PROGRAM
  - NUCLEAR HISTORY PROGRAM
  - WOMEN IN INTERNATIONAL SECURITY
- INSTITUTE FOR PHILOSOPHY & PUBLIC POLICY
- SEMINAR ON THE FOREIGN POLICY PROCESS

UNDERGRADUATE STUDIES
- UNIVERSITY HONORS PROGRAM
- GENERAL STUDIES PROGRAM (CLOSED)
- INDIVIDUAL STUDIES PROGRAM
- ALLIED HEALTH PROFESSIONS
- PRE-DENTISTRY
- PRE-MEDICAL
- PRE-LAW
- EXPERIENTIAL LEARNING PROGRAMS
- DIVISION OF LETTERS & SCIENCES
- CAREER DEVELOPMENT CENTER
- ACADEMIC ACHIEVEMENT PROGRAMS
- UPWARD BOUND
- RETENTION OFFICE
- TALENT SEARCH

18 Advisor List

Course Numbering System (All Students)

UNDERGRADUATE — eligible to register for courses numbered 000-499.
GRADUATE — eligible to register for courses numbered 400-899.

Course Numbering System

Number	Eligibility
000-099	Non-credit course
100-199	Primarily freshman course
200-299	Primarily sophomore course
300-399	Junior, senior course not acceptable for credit toward graduate degrees
400-499	Junior, senior course acceptable for credit toward some graduate degrees
500-599	Professional School course (Dentistry, Law, Medicine) or post-baccalaureate course
600-699	Course restricted to graduate students
799	Masters Thesis credit
899	Doctoral dissertation credit
	NOTE: Courses with last digit of 8 or 9 can be repeated for additional credit

Graduate Student Academic Information

See pages 7 and 8 for Graduate Student Registration Procedures

Advisement: Graduate students registering for courses must have the approval of their program advisors in order to make certain that the minimum Graduate School and program requirements are being satisfied. See page 8 for specific advising procedures required by your program.

Full Time Status: Effective August 1973, official status (either full-time or part-time) for academic purposes will be determined on the basis of a student's registration at the end of the Schedule Adjustment Period. The Schedule Adjustment Period is defined as the first ten days of classes.

To be certified as a full-time student a graduate student must be officially registered for a combination of courses equivalent to 48 units per semester. Graduate assistants holding regular appointments are full-time students if they are registered for at least 24 units in addition to the assistantship. Courses taken for Audit do not generate graduate units and cannot be used in calculating full-time or part-time status.

Table for Computing Graduate Units

Course Number	Graduate Unit
000-399	2 units per credit hour
400-499	4 units per credit hour
500-599	5 units per credit hour
600-898	6 units per credit hour
799	12 units per credit hour
899	18 units per credit hour

Program Changes: Graduate students wishing to change programs or degree objectives must submit a new application to the Graduate School. Current deadlines for new applications apply.

Pass-Fail: Graduate students are not eligible for the Pass-Fail grading option for courses numbered 400 and above.

Undergraduate Academic Information

Advising (Undergraduate Students)

Academic advising is an essential part of an undergraduate's educational experience at the University of Maryland. It is available to all students at College Park, but it is the responsibility of the student to make arrangements for advising with the appropriate person. Students are encouraged to use the many advisement opportunities available.

NOTE: For the following groups advising is mandatory:

Newly admitted freshmen and transfer students, concurrent enrollment students, students on academic warning, students seeking reinstatement after dismissal or withdrawal, students nearing senior status, students not meeting fundamental studies requirements, student athletes, and students in certain majors and colleges.

Undergraduate advisors, their room numbers and telephone extensions are listed below. Students who are unable to locate an advisor, or who have questions about campus advising programs should visit or call the Division of Letters & Sciences, Room 1117, Hornbake Library, 314-8418.

Academic Advisors

COLLEGE OF AGRICULTURE			
General Information			
Dr. Paul H. Mazzocchi, Acting Dean		SYM-1224	405-2080
Dr. William J. Higgins, Acting Associate Dean		ZOP-2224	405-6914
Dr. Albert J. Klavon, Assistant Dean		SYM-1224	405-2080
Dr. Amel Anderson, Assistant Dean		SYM-1224	405-2085
Dr. Ronald J. Seibel, Assistant Dean (Acting)		JUL-2123	405-4685
AGRICULTURAL & EXTENSION EDUCATION			
	Miller, M.	SYM-0222	405-2333
AGRICULTURAL & RESOURCE ECONOMICS			
	Bender, F.	SYM-2110	405-1262
	Cain, J.	SYM-2106	405-1265
	Commer, M.	SYM-2118A	405-1267
	Foster, P. (Coord.)	SYM-2102	405-1291
	Hardie, I.	SYM-2222B	405-1284
	Leathers, H.	SYM-3200F	405-1277
	Tuthill, D.	SYM-2220	405-1269
	Wysong, J.	SYM-2214	405-1288
AGRICULTURAL ENGINEERING			
	Shirmohammadi, A.	SHR-1108	405-1185
	Stewart, L.E.	SHR-1130	405-1193
AGRONOMY			
Crops	McIntosh, M. (Coord.)	HJP-0111	405-1330
Soils	Weil, R.	HJP-1103	405-1314
Turf & Urban Agronomy	Carroll, M.	HJP-1114	405-1339
Conservation — Soil, Water & Environment	Weil, R.	HJP-1103	405-1314
ANIMAL SCIENCE			
Coordinator	DeBarthe, J.	ANS-1103	405-1374
Dairy/Livestock	DeBarthe, J.	ANS-1103	405-1374
Poultry	Doerr, J.	ANS-3129A	405-5775
COMBINED DEGREE CURRICULUM College of Agriculture Veterinary Medicine	DeBarthe, J. Ingling, A.	ANS-1103 GVC-1219	405-1374 935-6083
FOOD SCIENCE			
	Westhoff, D. (Coord.)	ANS-3115	405-1366
	Schlimme, D.	HZF-1122B	405-4347
AGRICULTURAL SCIENCES, GENERAL			
	Grant, L.P.	SHR-0102	405-1179
HORTICULTURE			
Crop Production & Science			
(A-J)	Graves, W.	HZF-1113	405-4338
(K-R)	Gouin, F.	HZF-1120A	405-4374
(S-Z)	Hershey, D.	HZF-1105A	405-4341
Landscape Design			
Freshman and Transfers	Scarfo, R.	HZF-2103	405-4346
Sophomore	Pihlak, M.	HZF-2109A	405-4350
Junior	Hamed, S.	HZF-2109B	405-4339
Senior	Choose one from above		
NATURAL RESOURCES MANAGEMENT			
	Kangas, P.	SYM-0218	405-1258
UNDECIDED AGRICULTURE			
	Grant, L.P.	SHR-0102	405-1179
SCHOOL OF ARCHITECTURE			
General Information			
Stephen Sachs, Associate Dean		ARCH-1298	405-6284
Advisor assignments available in Room 1298, Architecture.			
COLLEGE OF ARTS AND HUMANITIES			
Dr. Robert Griffith, Dean		KEY 1102	405-2109
College Advisor Undergraduates	Bondurant, D.	KEY-1111	405-2110
	DiPaolo, T.	KEY-1111	405-2110
	Moore, T.	KEY-1111	405-2110
General Information			
AMERICAN STUDIES PROGRAM	Kelly, G.	TLF-21408	405-1354
ART	Kehoe, P.	ASY-1M320	405-1442
ART HISTORY	Denny, D.	ASY-4214	405-1479
CHINESE	Sargent, S.	JMZ-2136	405-7376
CLASSICAL HUMANITIES	Doherty, L.	JMZ-4210	405-2013
COMPARATIVE LITERATUE	Peterson, C.	JMZ-4223	405-2853
DANCE	Wiltz, A.	TEE	405-3180
ENGLISH	Loizeaux, B.	TLF-0139	405-3825
FRENCH	Bondurant, D.	JMZ-3106F	405-4024
GERMAN	Fagan, S.	JMZ-3215	405-4091
GREEK	Staley, G.	JMZ-4210	405-2013
HEBREW	Berlin, A.	JMZ-2106	405-4252
HISTORY	Rozenblit, M.	KEY-2116	405-4265
			405-4380
HOUSING AND DESIGN			
Advertising Design	Roper, J.	MMH-1401	405-3128
	Gripps, T.	MMH-1401E	405-4385
Interior Design	Thorpe, J.	MMH-2407E	405-4399
	Dean, S.	MMH-2407D	405-4396
	Eckersley, M.	MMH-1401D	405-4384
	Fabiano, F.	MMH-2407F	405-4394
Housing	Bonta, J.	MMH-1401	405-4377
	Chen, A.	PKT-1105	405-3128
ITALIAN	Russell, C.	JMZ-3106G	405-4024
JAPANESE	Kerkham, E.	JMZ-2106	405-4239
LATIN	Staley, G.	JMZ-4210	405-2013
LINGUISTICS	Lebeaux, D.	MIL-1113	405-7002
MUSIC	Jones, P.	TWS-2110	405-5549
PHILOSOPHY	Martin, R.	CMS-4365	405-5695
RADIO, TELEVISION & FILM	Robinson, E.	TWS-0202	405-6264
ROMANCE LANGUAGES	Falvo, J.	JMZ-3106	405-4031
RUSSIAN AREA STUDIES	Majeska, G.	KEY-2165	405-4265
RUSSIAN LANGUAGE & LITERATURE	Hitchcock, D.	JMZ-3215	405-4091
SPANISH & PORTUGUESE	Little, K.	JMZ-2202	405-6441
SPEECH COMMUNICATION	Meacham, C.	TWS-0148A	405-6523
THEATRE	O'Leary, R.	TWS-0238	405-6676
WOMEN'S STUDIES	Prete, S.	MIL-1115	405-6877
UNDECIDED MAJORS	Bondurant, D.	KEY-1111	405-2110
COLLEGE OF BEHAVIORAL AND SOCIAL SCIENCES			
Dr. Murray Polakoff, Dean		TYD-2141	405-1679
Dr. Stewart Edelstein, Associate Dean		TYD-2141	405-1679
Dr. Katherine Pedro Beardsley, Assistant Dean		TYD-2141	405-1679
Dr. Diana Ryder Jackson, Assistant Dean		TYD-2141	405-1679
Ms. Chris Witherspoon, Assistant to the Dean		TYD-2141	405-1684
Mr. Thomas S. Hiles, Director of Development		TYD-2141	405-1687
ADVISEMENT AND RECORDS			
Coordinator of Academic Support Service	Scholl, G.	TYD-2115	405-1697
Records	Goebel, S.	TYD-2115	405-1697
Candidate Clearance		TYD-2115	405-1697
Director of Undergraduate Advising	Hilman, L.	TYD-2115	405-1697
College Academic Advisors	LaMarche, A.	TYD-2115	405-1697
	Sperber, B.	TYD-2115	405-1697
	Marcks, L.	TYD-2115	405-1697
	Stedfeld, R.	TYD-2115	405-1708
Minority Center	Langa, M.	LEE-2201	405-4729
Athletic Advising	Friedman, L.	LEF-2220P	
UNDERGRADUATE PROGRAMS			
AFRICAN AMERICAN STUDIES PROGRAM	Best, D.	LEF-2169G	405-1168
ANTHROPOLOGY	Stuart, W.	WDS-0100	405-1423
CRIMINOLOGY, CRIMINAL JUSTICE	Wellford, C.	LEF-2220	405-4729
ECONOMICS	Meyers, P.	TYD-3145	405-3503
	McCullough, L.	TYD-3127	405-3503
GEOGRAPHY	Cirrincione, J.	LEF-1123	405-4073
GOVERNMENT & POLITICS	Terchek, R.	LEF-2181J	405-4124
HEARING & SPEECH SCIENCE	McCall, J.	LEF-0138	405-4214
PSYCHOLOGY	Scholnick, E.	ZOP-1107	405-5866
SOCIOLOGY	Mohagadam, L.	ASY-2108	405-6389
URBAN STUDIES	Baum, H.	LEF-1159	405-6799
UNDECIDED — See a college advisor.			
COLLEGE OF BUSINESS AND MANAGEMENT			
Dr Rudolph P. Lamone, Dean			
Dr William D. Bradford, Associate Dean			
Dr Henry P. Sims, Director, Ph.D. Program			
Mr. Mark Wellman, Director, Masters Programs			
Dr. J. G. Mattingly, Assistant Dean of Undergraduate Studies			
Dr. D. King, Director of Undergraduate Student Services			
Ms. Eleanor Green, Assistant Director, Advisor Consultant			
Ms. Stella Mirhadi, Advisor Consultant			
Undergraduate Advisors	Busch, H.	TYD-2136	405-2286
	Horick, B.	TYD-2136	405-2286
Records Office, Business	Pometto, J.	TYD-2136	405-2286
	Scott, T.	TYD-2136	405-2286
	Peters, S.	TYD-2136	405-2286
COLLEGE OF COMPUTER, MATHEMATICAL AND PHYSICAL SCIENCES			
Dr. Richard H. Herman, Dean		MTH-2300	405-4906
Undergraduate Academic Information			
Dr. Thelma M. Williams, Assistant Dean		MTH-2300	405-2286
Ms. Beverly J. Lucus, Assistant to the Dean		MTH-2300	405-2677
Student Records	Lucas, B.	MTH-2300	405-2677
	Coleman, R.	MTH-2300	405-2677
General Information			
ASTRONOMY	Matthews, T.	CSS-0223	405-3001
COMPUTER SCIENCE (special problems)	Kaye, G.	AVW-1103	405-2672
GEOLOGY	Stifel, P.	GEO-1115	405-4365
MATHEMATICS	Lipsman, R.	MTH-1117	405-5053
PHYSICS	Crabill, J.	PHY-1120	405-5980
PHYSICAL SCIENCES	Williams, T.	MTH-2300	405-2677

COLLEGE OF EDUCATION

General Information

Dr. Jeannette Kreiser, Assistant Dean for Student Services		EDU-3119	405-2353
Graduate Student Services	Campbell, E.G.	EDU-1205	405-2350
Undergraduate Student Services	Lewis, A.	EDU-1210	405-2350
EDUCATION POLICY, PLANNING AND ADMINISTRATION	Carbone, R.	EDU-3112B	405-2374
	Agre, E.	EDU-2110E	
	Finkelstein, B.	EDU-3112G	
	Hopkins, R.	EDU-2103	
	Huden, D.	EDU-2110D	
	Lindsay, R.	EDU-0101C	
	Male, G.	EDU-2110B	
	Noil, J.	EDU-2110B	
	Splaine, J.	EDU-2215	
COUNSELING & PERSONAL SERVICES	Rosenfield, S.	EDU-3214C	405-2858
School Psychology	Pumroy, D.	EDU-3214B	
	Teglasi, H.	EDU-3222	
	Strein, W.	EDU-3212	
School Counseling	Greenberg, K.	EDU-3222	
Community Counseling	Schlossberg, N.	EDU-3228	
College Student Personnel		EDU-3128	
Counseling Psychology	Birk, J.	EDU-3215	
	Hoffman, M.	EDU-3218	
Rehabilitation Counseling	Power, P.	EDU-3214A	
	Lawrence, R.	EDU-3234F	
Counseling & Consultation	Hershenson, D.	EDU-3214C	
CURRICULUM AND INSTRUCTION	Howe, A.	EDU-2311B	405-3324
Early Childhood	Amershek, K.	EDU-2207B	
	Fein, G.	EDU-0311F	
	Saracho, O.	EDU-1117	
Elementary Education	Eley, G.	EDU-2219	
	Herman, W.	EDU-2227	
	Jantz, R.	EDU-2229	
	Johnson, M.	EDU-2209	
	Roderick, J.	EDU-2231	
	Weaver, P.	EDU-2233	
Secondary Education			
Art	Craig, R.	EDU-2304C	
	McWhinnie, H.	EDU-2304C	
English/Speech	McCaleb, J.	EDU-2304J	
	Slater, W.	EDU-2311J	
Foreign Language	DeLorenzo, W.	EDU-2304G	
Mathematics	Campbell, P.	EDU-2304F	
	Carey, D.	EDU-2204	
	Davidson, N.	EDU-2207A	
	Henkelman, J.	EDU-2223	
Music	Folstrom, R.	TSW-3141	
Physical Education	Owens, L.	HHP-2338	
Reading	Brigham, B.	EDU-1117	
	Davey, B.	EDU-2304K	
	Dreher, J.	EDU-1117	
	Gambrell, L.	EDU-1117	
	Wilson, R	EDU-1117	
Science	Dierking, L.	EDU-2219	
	Holiday	EDU-0231	
	Layman, J.	EDU-0211	
	Lockard, D.	EDU-0211	
Social Studies	Cirrincione, J.	EDU-2227	
	Farrell, R.	EDU-2227	
INDUSTRIAL, TECHNOLOGICAL AND OCCUPATIONAL EDUCATION	Erekson, T.	JMP-3216	405-4539
Industrial Arts	Beatty, C.	JMP-3216J	
Industrial Technology	Elkins, R.	JMP-3216F	
	Mietus, W.	JMP-3216D	
	Sullivan, D.	JMP-3216S	
Vocational Education	Herschbach, D.	JMP-3216F	
	Stough, K.	JMP-3216B	
Business Education	Boyce, J.	JMP-2210	
	Peters, R.	JMP-2210C	
	Spear, M.	JMP-3216	
Home Economics Education	Hultgren, F.	JMP-2210	
HUMAN DEVELOPMENT INSTITUTE FOR CHILD STUDY	Robertson-Tchabo, E.	EDU-3304	405-2827
	Tyler, B.	EDU-3304	
MEASUREMENT, STATISTICS AND EVALUATION	Lissitz, A.	EDU-1228	405-3624
SPECIAL EDUCATION	Angeletti, K.	EDU-1235	
	Beckman, P.	EDU-1311E	
	Burke, P.	EDU-1308	
	Cooper, D.	EDU-1308	
	Egel, A.	EDU-1311G	
	Graham, S.	EDU-1311F	
	Harris, K.	EDU-1308	
	Harry-Belcher, B.	EDU-0102	
	Hebeler, J.	EDU-1308	
	Kohl, F.	EDU-1311C	
	Leone, P.	EDU-1311B	
	Lieber, J.	EDU-0102	
	Malouf, D.	EDU-1220	
	Neubert, D.	EDU-0102	
	Noel, M.	EDU-2304	
	Speece, D.	EDU-1308	

For advising and information, intended Education majors contact: Kathy Angeletti (EDSP) in room 1235 Education Building. Sabrina Marshall (EDIT) in the J.M. Patterson Building. Sandra Robinson (EDCI) in room 2311D Education Building. Ann Lewis (Undesignated or undecided) in room 1210 Education Building.

COLLEGE OF ENGINEERING

General Information

Dr. George Dieter, Dean		EGR-1137	405-3868
James Newton, Assistant to the Dean		EGR-1131	405-3855
Counselors	Fines, J.	EGR-1131	405-3855
	Reid, O.	EGR-1131	405-3855
	George, D.	EGR-1131	405-3855
Center for Minorities in Science and Engineering			
Rosemary Parker		EGR-1134	405-3878
Lawanda Saddler-Assem, Assistant Director		EGR-1134	405-3878
AEROSPACE	Jones, E.	EGR-0154	405-1125
AGRICULTURAL	Stewart, L.	SHR-1130C	405-1193
CHEMICAL	Regan, T.	CHE-2139	405-1935
CIVIL	Garber, D	EGR-1163	405-1952
ELECTRICAL	Pugsley, J.	EGR-3186	405-3685
FIRE PROTECTION	Bryan, J.	EGR-0147	405-3996
MECHANICAL	Walston, W.	EGR-2188	405-2409
NUCLEAR	Pertmer, G.	CHE-239A	405-5207
Engineering Co-op Program	Sauber, H.	EGR-1137B	405-3862

COLLEGE OF HEALTH AND HUMAN PERFORMANCE

General Information

Dr. John Burt, Dean		HHP-3310D	405-2438
Dr. Jerry Wrenn, Associate Dean		HHP-3310B	405-2438
Lu Hoxie, Student Records		HHP-3310H	405-2442
Program Advisors			
KINESIOLOGY			
Kinesiological Sciences	Tyler, R.	HHP-2310	405-2473
Teacher Education and Pre-Phys Educ	Owens, L.	HHP-2338	405-2495
RECREATION			
Therapeutic Recreation, Outdoor Recreation, Administrative or Program Recreation	Annand, V.	HHP-2356	405-2508
HEALTH EDUCATION			
Community Health, School Health & Pre-Hlth	Hyde, D.	HHP-2374	405-2523

COLLEGE OF HUMAN ECOLOGY

General Information

Dr. Laura Sims, Dean		MMH-1100F	405-2358
Dr. Jo Paoletti, Assistant Dean		MMH-1300	405-2368
Student Affairs & Support Services Center			
Advisors		MMH-1300	405-2365
Undergraduate Student Records	Hay, G.	MMH-1300	405-2369

FAMILY & COMMUNITY DEVELOPMENT

Family Studies	Billingsley, A.	MMH-1204A	405-4002
	Anderson, E.	MMH-1204	405-4010
	Epstein, N.	MMH-1204C	405-4013
	Gaylin, N.	MMH-1204D	405-4005
	Lesle, L.	MMH-1204J	405-4011
	Myricks, N.	NNH-1204E	405-4007
	Rubin, R.	MMH-1204L	405-4004
	Werlinich, C.	MMH-1218B	405-4017
Management and Consumer Studies			
	Churaman, C.	MMH-1204F	405-4008
	Hanna, W.		405-4005
	Koblinsky, S.		405-4009

HUMAN NUTRITION AND FOOD SYSTEMS

Dietetics	Read, M.	MMH-3304B	405-2143
	Curtis, S.	MMH-3307	405-4532
	Jackson, R.	MMH-3102	405-4533
	Prather, M.	MMH-3306	405-4531
Experimental Foods	Choi, Y.	MMH-3302	405-4524
Food Services Administration	Norton, V.	MMH-3215	405-4928
	Noble, J.	MMH-3307	405-4530
Human Nutrition and Foods	Ahrens, R.	MMH-3301	405-4523
	Moser-Veillon, P.	MMH-3308	405-4502

TEXTILES AND CONSUMER ECONOMICS

Apparel Design	Smith, B.	MMH-2100A	
	Anderson, C.	MMH-2108	405-6672
Tex. Mkt./Fashion Merch.	Dardis, R.	MMH-2106	405-6645
	Hacklander, E.		405-6673
	Wagner, J.	MMH-2100D	405-6649
Consumer Economics	Brannigan, V.	MMH-1411	405-6667
	Dardis, R.	MMH-2106A	405-6645
	Ettensen, R.	MMH-2100F	405-6652
	Mokhtari, M.	MMH-0303C	405-6671
	Stapleton, D.	MMH-2108	405-6642
	Whittington, L.	MMH-2108	405-6652
Textiles	Block, I.	MMH-2100H	405-6652
	Grover, G.	MMH-0303A	405-6671
	Pourdeyhimi, B.	MMH-2100G	405-6653
	Smith, B.	MMH-2100A	405-6657
	Spivak, S.	MMH-2100E	405-6651
	Yeh, K.	MMH-2100B	405-6647

COLLEGE OF JOURNALISM

Prof. Reese Cleghorn, Dean		JRN-1117	405-2399
Dr. Greig M. Stewart, Assistant Dean		JRN-1117	405-2399
Undergraduate Advisors	Cherry, L.	JRN-1117	405-2399
	Reid, M.	JRN-1117	405-2399
	Massie, T.	JRN-1117	405-2399
	Cha, V.	JRN-1117	405-2399

COLLEGE OF LIBRARY & INFORMATION SCIENCES

Dr. Claude Walston, Dean		HBK-4105	405-2033
Student Records and General Information	Barlow, D.	HBK-4110	405-2038

COLLEGE OF LIFE SCIENCES

General Information

Dr. Paul H. Mazzocchi, Acting Dean		SYM-1224	405-2080
Dr. William S. Higgins, Acting Associate Dean		ZOP-2224	405-6914
Dr. Albert J. Klavon, Assistant Dean		SYM-1224	405-2080
Dr. Amel Anderson, Assistant Dean		SYM-1224	405-2085
Biological Sciences [New Program Fall 1991]	Olek, A. (Director)	ZOP-1245	405-6892

BOTANY

	Barnett, N.	HJP-1219	405-1597

CHEMISTRY/BIOCHEMISTRY

	Harwood, W. (Director, Undergraduate Programs)	CHM-1309	405-1791
	Ammon, H.	CHM-1309	405-1791
	Boyd, A.	CHM-1309	405-1791
	Khanna, R.	CHM-1309	405-1791
	Ondov, J.	CHM-1309	405-1791
	Sampugna, J.	CHM-1309	405-1791

ENTOMOLOGY

	Armstrong, E.	SYM-2309	405-3925

GENERAL BIOLOGICAL SCIENCES [PRE-FALL 1991]

	Olek, A. (Director)	ZOP-1245	405-6892
Animal Science Emphasis	Klavon, A.	SYM-1224	405-2080
Botany Emphasis	Barnett, N.	HJP-1219	405-1597
Chemistry Emphasis	Klavon, A.	SYM-1224	405-2080
Ecology Emphasis	Barnett, N.	HJP-1219	405-1597
Entomology Emphasis	Armstrong, E.	SYM-2309	405-3925
Genetics Emphasis	Presson, J.	ZOP-2229	405-6904
	Smith, A.	MCB-2107	405-5443
Marine Biology Emphasis	Barnett, N.	HJP-1219	405-1597
	Presson, J.	ZOP-2229	405-6904
Microbiology Emphasis	Smith, A.	MCB-2107	405-5443
Physiology Emphasis	Presson, J.	ZOP-2229	405-6904
Zoology Emphasis	Presson, J.	ZOP-2229	405-6904
Generalist — No Emphasis	Olek, A.	ZOP-1245	405-6892
GBS Honors Students	Berg, L.	HJP-1225	405-1509

MICROBIOLOGY

(A,B)	Benson, S.	MCB-3136	405-5478
(C,D)	Capage, M.	MCB-3122	405-5474
(E,F,G,H)	MacQuillan, A.	MCB-3117	405-5472
(I,J,K)	Hetrick, F.	MCB-1109	405-5444
(L,M)	Joseph, S.	MCB-2118	405-5452
(N,O,P,Q)	Smith, A. (Coord.)	MCB-2107	405-5443
(R,S)	Voll, M.	MCB-2114	405-5449
(T,U,V)	Weiner, R.	MCB-2111	405-5446
(W,X,Y,Z)	Yuan, R.	MCB-1117	405-5472

ZOOLOGY

Director	Presson, J.	ZOP-2229	405-6904
Undergraduate Program			
	Ades, I.	ZOP-2248	405-6917
	Barnett, A.	ZOP-3216	405-6923
	Carter, S.	ZOP-4222	405-6940
	Chao, L.	ZOP-4204	405-6945
	Dietz, J.	ZOP-4247	405-6949
	Goode, D.	ZOP-3264	405-6935
	Imberski, R.	ZOP-3260	405-6929
	Inouye, D.	ZOP-4206	405-6946
	Linder, H.	ZOP-3202	405-6934
	Small, E.	ZOP-3206	405-6895
	Stephan, W.	ZOP-4218	405-6912
	Wilkinson, J.	ZOP-4224	405-6942

UNDECIDED LIFE SCIENCES

	Klavon, A.	SYM-1224	405-2080
	Anderson, A.	SYM-1224	405-2085

PRE-PROFESSIONAL

	Bradley, L.	TUR-3103	405-2793

UNDERGRADUATE STUDIES

Dr. Kathryn Mohrman, Dean		HBK-1115	405-9363
Dr. David Sammons, Associate Dean		HBK-1115	405-9363
Dr. Bonnie Oh, Assistant Dean		HBK-1115	405-9363

BACHELOR OF GENERAL STUDIES DEGREE PROGRAM

(Program closed, no new admission)

HEALTH PROFESSIONS ADVISING

Pre-Dentistry			
Pre-Medicine			
Pre-Dental Hygiene			
Pre-Optometry			
Pre-Osteopathy			
Pre-Podiatry	Bradley, L.	TUR-3103	405-2793
Pre-Dental Hygiene			
Pre-Medical Technology			
Pre-Nursing			
Pre-Pharmacy			
Pre-Physical Therapy	Stewart, D.	TUR-3103	405-2793

INDIVIDUAL STUDIES PROGRAM

Dr. Bonnie Oh, Assistant Dean		HBK-1115	405-9355

DIVISION OF LETTERS & SCIENCES (L&S)

Dr. Betty Beckley, Assistant Dean		HBK-1117	314-8418
Jean Crouch, Special Exceptions		HBK-1117	314-8418
Vee Vee Coleman, Receptionist		HBK-1117	314-8418
L&S ADVISOR/COORDINATORS			
Staff Training & Development	Dr. Wendy Whittemore	HBK-1117	314-8418
Freshman Year Coordination	Ulysses Connor, J.D.	HBK-1117	314-8418
Transfer Year Coordination	Tom Steen	HBK-1117	314-8418
Pre-Business	Stella Mirhadi	HBK-1117	314-8418
Walk-In Advising	Saba Bokhari	HBK-1117	314-8418
Mathematics Placement	Roberta Smit	HBK-1117	314-8418
SPECIAL INTEREST AREAS			
Architecture	Peter May	HBK-1117	314-8418
Business	Stella Mirhadi	HBK-1117	314-8418
Computer, Math, Physical Science	Roberta Smit	HBK-1117	314-8418
Journalism	Sujarta Moorti	HBK-1117	314-8418
Health & Human Performance	Mark Boyea	HBK-1117	314-8418
Human Ecology	Harriet Nokuri	HBK-1117	314-8418
Pre-Law	Ulysses Connor, J.D.	HBK-1117	314-8418
	Sarah Russell	HBK-1117	314-8418
GENERAL ADVISORS			
	Saba Bokhari	HBK-1117	314-8418
	Cynthia Bosnian	HBK-1117	314-8418
	Mark Boyea	HBK-1117	314-8418
	Lorna Ellis	HBK-1117	314-8418
	Dean Herbert	HBK-1117	314-8418
	Peter May	HBK-1117	314-8418
	Sujarta Moorti	HBK-1117	314-8418
	Harriet Nokuri	HBK-1117	314-8418
	Richard Sullivan	HBK-1117	314-8418
	Sarah Russell	HBK-1117	314-8418

OFFICE OF MINORITY STUDENT EDUCATION (OMSE)

Academic Support Unit

Dr. Mary Cothran, Director	HBK-1101	405-5616
Dr. Jennifer V. Jackson, Assistant Director	HBK-1101	405-5616
Dr. Ronald Ziegler, Research Coordinator	HBK-1101	405-5616
Joel Smith, Academic Coordinator	HBK-1101	405-5616
Philip Mack, Coordinator Outreach & Programs	HBK-1101	405-5616

20 Academic Information

Requirements for Satisfactory Academic Progress — Undergraduate Students

THE FOLLOWING STANDARDS FOR UNDERGRADUATE ACADEMIC PERFORMANCE BECAME EFFECTIVE IN THE FALL 1984 SEMESTER. THEY APPLY TO ALL UNDERGRADUATE STUDENTS ON THE COLLEGE PARK CAMPUS, WHETHER PREVIOUSLY ENROLLED OR NEWLY ADMITTED.

GRADE POINT AVERAGE (G.P.A.)

1. Requirements for satisfactory academic progress are based solely upon grade point average. This is computed by dividing the TOTAL NUMBER OF QUALITY POINTS accumulated in courses for which a grade of A, B, C, D, or F has been assigned by the TOTAL NUMBER OF CREDITS ATTEMPTED in those courses. Courses for which a grade of "P", "S", "I", or "NGR" has been assigned are NOT included in computing the G.P.A.

2. Each letter grade has a numberical value: A = 4; B = 3; C = 2; D = 1; F = 0. Multiplying this value by the number of credits for a particular course gives the number of quality points earned for that course:

A = 4
B = 3
C = 2
D = 1
F = 0 **X** NUMBER OF CREDITS IN THE COURSE = TOTAL QUALITY POINTS FOR THE COURSE

3. When a course is REPEATED, the grades will be averaged for the purpose of determining the number of quality points used to calculate the cumulative grade point average. First semester students and freshmen through the first 24 credits will receive quality points appropriate for the higher grade when calculating the grade point average.

4. An example of how a SEMESTER G.P.A. and a CUMULATIVE G.P.A. are calculated is given below:

Course	*Credits Attempted Attempted*	*Grade*	*Quality Points*
ENGL 101	3	C	6
MATH 110	3	B	9
ZOOL 101	4	A	16
PSYC 100	3	D	3
HIST 156	3	F	0
Current Semester Totals	16		34
Previous Semester Totals	27		74
	43		108

$$\text{SEMESTER G.P.A.} = \frac{\text{SEMESTER QUALITY POINTS}}{\text{SEMESTER CREDITS ATTEMPTED}} = \frac{34}{16} = 2.125$$

$$\text{CUMULATIVE G.P.A.} = \frac{\text{TOTAL QUALITY POINTS}}{\text{TOTAL CREDITS ATTEMPTED}} = \frac{108}{43} = 2.511$$

SATISFACTORY PERFORMANCE
A student whose cumulative G.P.A. is at least 2.00 will be considered as making satisfactory academic progress at the College Park campus.

Within any given semester, a student who completes 12 or more credits (excluding grades of 'P' and 'S') with a SEMESTER G.P.A. of 3,500, or higher, will be awarded **"ACADEMIC HONORS."** This notation will be placed on the student's transcript.

UNSATISFACTORY PERFORMANCE
Students with a CUMULATIVE G.P.A. of less than 2.00 fall into three categories: UNSATISFACTORY PERFORMANCE, ACADEMIC WARNING, and ACADEMIC DISMISSAL. The cumulative G.P.A. that defines each of these categories varies according to the CREDIT LEVEL as noted below.

CREDIT LEVEL = Courses with grades of A, B, C, D, F, P, S and transfer credit from other institutions, Advanced Placement, CLEP and other similar tests in which credit is given.

CREDIT LEVEL	*UNSATISFACTORY PERFORMANCE*	*ACADEMIC WARNING*	*ACADEMIC DISMISSAL*
0-13	1.999-1.290	1.289-0.230	0.229-0.000
14-28	1.999-1.780	1.799-1.280	1.279-0.000
29-56	1.999-1.860	1.859-1.630	1.629-0.000
57-74	1.999-1.940	1.939-1.830	1.829-0.000
75 OR MORE	—	1.999-1.940	1.939-0.000

1. Students whose cumulative G.P.A. falls within the **UNSATISFACTORY PERFORMANCE** category at the end of any semester will be urged, in writing, to meet with an advisor.
2. Students who receive an **ACADEMIC WARNING** will have that notation entered on their transcript and will be informed, in writing, to consult with an advisor prior to the beginning of the next semester. STUDENTS WHO DO NOT MEET WITH AN ADVISOR WILL NOT BE ALLOWED TO DROP OR ADD COURSES OR TO REGISTER FOR THE FOLLOWING SEMESTER.
3. **ACADEMIC DISMISSAL**
   A. Depending on the credit level attempted, students will be academically dismissed at the end of any semester when their CUMULATIVE G.P.A. falls into the ACADEMIC DISMISSAL range.
   B. After attempting 60 or more credits, any student who receives an ACADEMIC WARNING for TWO CONSECUTIVE SEMESTERS will be academically dismissed.
   C. No student transferring to the College Park Campus from OUTSIDE the University of Maryland system will be academically dismissed at the END OF THE FIRST SEMESTER if the cumulative G.P.A. is 0.23, or higher. After this first semester, the student will be subject to normal standards for academic progress. **NOTE: This provision does not apply to students reinstated or readmitted to the College Park Campus.** A transfer student is defined as a student who has attended any regionally accredited institution of higher education following graduation from high school and attempted 9 or more credits.

ADDING/DROPPING COURSES
1. The FIRST TEN DAYS OF CLASSES during the Fall and Spring semesters are designated as being the SCHEDULE ADJUSTMENT PERIOD. A similar period of time is set aside during both summer sessions.
2. During the schedule adjustment period, students may ADD courses. DROP courses, or CHANGE SECTIONS, PART-TIME STUDENTS should pay particular attention to DIRECTIONS/DEADLINES in the Schedule of Classes to avoid incurring additional charges.
3. Courses ADDED during the schedule adjustment period will appear on the student's permanent record along with courses previously listed.
4. Courses DROPPED during the schedule adjustment period will NOT appear on the student's permanent record.
5. **Drop Policy —** The DROP PERIOD for Undergraduate Studets will begin at the close of the Schedule Adjustment Period and terminate at the END OF THE TENTH WEEK OF CLASS. **DURING THE DROP PERIOD, A STUDENT MAY DROP A MAXIMUM OF FOUR CREDITS.** If a course is more than four credits, the student may drop the entire course. In the case of a variable credit course, the credit level may be reduced by up to four credits.

Courses dropped after the schedule adjustment period will be recorded on the student's transcript with a "W" notation. This mark is NOT used in computing the semester or cumulative G.P.A.

Repeating Courses

1. Students may have one repeat of any given course in which a grade of A,B,C,D,F,P,S, or W has been earned on their records. If a course is repeated in which a student already has earned a grade A,B,C,D,P, or S, the subsequent attempt will not increase the total credits earned toward the degree. All attempts at a given course resulting in one of the above noted grades will be included in the computation of the grade point average.
2. A student may register for a course NO MORE THAN TWO TIMES. A course dropped with a 'W' notation will count as one of these two registrations.
3. Incompletes — The mark of 'I' cannot be removed through re-registration for the course or through "credit by examination."
4. For complete information on the new Repeat Policy see page 15 or your academic advisor.

ACADEMIC REGULATIONS

Students who need additional information about the STANDARDS FOR SATISFACTORY UNDERGRADUATE PROGRESS OR ABOUT OTHER ACADEMIC POLICIES AND REQUIREMENTS AT College Park should immediately contact an ACADEMIC ADVISOR in their college or department.

Full-Time Status

Effective August 1973, official status (either full-time or part-time) for *academic purposes* will be determined on the basis of a student's registration at the end of the Schedule Adjustment Period. The Schedule Adjustment Period is defined as the first ten days of classes.

UNDERGRADUATE — Full-time — Registered for 9 or more semester hours at the end of the Schedule Adjustment Period. Note, however, that students on scholarships and grants are expected to maintain a semester credit load of 12 hours. If the registration of a student with a scholarship or grant falls below the required credit hours, the scholarship or grant is automatically cancelled. Cancellation of a scholarship or grant without subsequent payment of amounts due will lead to an indebtedness to the University. Such indebtedness can in turn lead to severance of services by the University. Students are limited to **19 credit hours** per semester. Any exceptions must be approved by the Dean. Forms for this purpose will be available in the Dean's Office and should be turned in with Registration materials.

Foreign Language Placement

Students with prior experience in a foreign language are expected to enroll in courses at the highest level appropriate to their background. A student whose knowledge of a foreign language as deemed by the course chairperson to be above the level of the course requested by the student may not take that course except on an audit basis.

A student who is a native speaker and who is enrolling in a basic language course is expected to identify him/herself to the instructor to discuss proper placement.

NOTE: If you have taken an advanced placement exam in a foreign language contact the appropriate department to determine at which course level you should enroll.

Latin Courses: Students who have had Latin in high school are encouraged to work at the highest level of which they feel capable. The department advisor, Professor Gregory Staley, located in room 4210 of Jimenez Hall, will help students identify the appropriate courses in which to enroll. Normally students with less than one year of high school Latin take LATN 101. Those who enter with a full year of high school Latin register for LATN 102; with two full years, LATN 201. College credit is given to students who have earned 4 or 5 on the Advanced Placement Test in Latin.

French Department: Students who wish to register for FREN 101-203 must do so in accordance with the guidelines below. Exceptions may be granted only by written permission of the course chairperson. A student whose knowledge of French as deemed by the course chairperson to be above the level of the course requested by the student may not take that course except on an Audit basis.

PLACEMENT GUIDELINES.

FREN 101: For students who have never studied French or who have studied less than two years in high school.

FREN 102: For students who have completed FREN 101 on this campus.

FREN 103: For students with two years of high school French. This is a review of work normally completed by the end of Level 2. Students will not receive credit for FREN 103 if they have already received credit for FREN 102.

FREN 203: For students whose high school transcript shows completion of Level 3.

The French Department does not offer placement testing. For further assistance please contact Dolores Bondurant, Room 3124 Jimenez Hall.

Spanish Department: Students who wish to register for Spanish 101-205 must do so in accordance with the guidelines below. Any exception necesitates written permission from the Department of Spanish and Portuguese. Students must present their high school transcript for proper placement on the first day of class if they wish to enroll in SPAN 101, 102, 102H, 103, 201, or 204. See individual course descriptions for more details.

A student whose knowledge of Spanish as deemed by the undergraduate advisor or the course chairperson to be above the level of the course requested by the student may not take that course except on an audit basis. Students who have taken the equivalent of 201 at another institution, are deemed to have satisfied the language requirement for Arts and Humanities.

Students will not receive credit for SPAN 103 if they already have credit for Spanish 102. When a student receives credit for any course above 102, he/she will not receive credit for any course which precedes it if it is in the same sequence. For example, if a student has credit for SPAN 311 (Advanced Conversation), he/she may not receive credit for SPAN 211 (Intermediate Conversation), if taken subsequently.

Consult the Placement List below to determine the appropriate Spanish level you may register for. Please consult the Departmental Advisor for additional information about Advanced Placement Tests and other credit and placement questions.

Spanish 101
0 years of Spanish
Level 1 Spanish
Level 2 Spanish with a grade of C or below

Spanish 102
Spanish 101 at the University of Maryland or equivalent course at another university
Level 2 Spanish with a grade of A or B

Spanish 103
Level 2 Spanish with a grade of A or B
Level 3 Spanish with a grade of C or below

Spanish 201
Spanish 102 or 103 at the University of Maryland or equivalent course(s) at another university
Level 3 Spanish with a grade of A or B
Level 4 Spanish with a grade of C or below

Spanish 204 or 211
Spanish 203 at the University of Maryand or equivalent course(s) at another institution
Level 4 Spanish or higher with a grade of A or B

Spanish 204 for natives
For students who speak Spanish (e.g. have grown up speaking Spanish, have lived in a Spanish speaking country) but have little or no formal courses in Spanish

Chinese Placement: Non-majors are required to have an interview with the program placement advisor. Dr. William Brown, before they will be permitted to enroll for any Chinese language course (excepting CHIN 403 and 404).

German and Spanish Placement Schedule: During the semester there will be placement testing in Room 0106, Shoemaker Building. To be admitted for testing, students must have a picture I.D. Testing will be on Tuesday, September 3 at 3:00 p.m and Wednesday, September 11 at 2:00 p.m. in the Testing Room, Shoemaker Building. Bring a picture I.D. in order to be admitted. All other times call D. Adelstein 314-7688 for an appointment.

College Foreign Language Requirements

College of Arts and Humanities Requirements: Students must demonstrate proficiency in a foreign language in one of the following ways:

1. Successful completion of a **12-credit sequence** or **intermediate level in college language courses.**
2. Successful completion of **level 4 in one language** or **level 2 in each of 2 languages** in high school.
3. Successful completion of a **language placement examination** in one of the campus language departments offering such examinations.

College of Journalism Requirement. Completion, either by course work or placement, at the intermediate level of foreign language study.

Major Changes

If you wish to process a major change, go to the college associated with your desired new major to obtain approval, advisement information, and a "Change of Major" form.

Students contemplating a change in major to Architecture (pending review), Business & Management, Design, Education (pending review), Engineering, Government & Politics, Journalism, Psychology, or Radio, Television & Film (pending review), should contact the Office of Undergraduate Admissions, 314-8378, for additional information regarding special requirements for entrance into these programs. Students with fewer than 56 credits not admitted directly into these programs may be admitted to the Division of Letters and Sciences, by going to the Undergraduate Advising Center and indicating a desire to do so.

Second Major: A student wishing to complete a second major in addition to his/her primary major, must obtain written permission from both the Dean of the primary major college and the Dean of the secondary major college. Forms for application to a second major are available at all college offices.

NOTE: A student must be enrolled in the major program from which he or she plans to graduate when registering for the final 15 hours of the baccalaureate program.

Second Degree: Refer to the Undergraduate Catalog for Second Degree information.

Undergraduate Student Classifications

Freshman	1-27 semester hours	Junior	56-85 semester hours
Sophomore	28-55 semester hours	Senior	86 to at least 120 semester hours

Pass-Fail Option (Undergraduate Students)

1. To register for a course under the pass-fail option, an undergraduate must have completed 30 or more credit hours with a G.P.A. of at least 2.0. At least 15 of these credit hours must have been completed at UMCP with a University of Maryland G.P.A. of at least 2.0
2. Courses for which this option applies must be electives in the student's program. The courses may not be college, major, field of concentration, or general education program requirements.
3. Only one course per semester or one course per summer session may be registered for under the pass-fail option.
4. No more than 12 semester hours of credit may be taken under the pass-fail option during student's college career.
5. Students may not choose this option when re-registering for a course.
6. When registering under the pass-fail option, a course that is *passed* will count as *hours* in the student's record but will not be computed in the grade point average. A course that is *failed* will appear on the student's record and will be computed both in the overall average and in the semester average.

NOTE: CHANGES OF GRADING OPTION MAY BE PROCESSED ONLY DURING THE FIRST TEN DAYS OF CLASSES.

GRADUATE STUDENTS are not eligible for the PASS-FAIL grading option.

Zero-Level Courses

CHEM 001* MATH 001* MATH 002*

Although these courses carry credit for billing and student classification purposes, they are regarded as having zero credit for academic calculation purposes. Therefore, these courses are excluded from the calculation of credits registered at the end of the Schedule Adjustment Period, from the calculation of quality points and from the calculation of cumulative grade point averages.

* CHEM 001, and MATH 001/002 fees are also discussed under Fees and Expenses.

GENERAL EDUCATION REQUIREMENTS

The Purpose of General Education

In addition to completing a major course of study, students are required to complete a set of general education requirements. These requirements are intended to expose students to broad areas of historic and contemporary human thought and experience. General education permits a graduating student to make the claim that he or she is truly an "educated" person. In a world of rapid economic, social, and technological change, the importance of a broadly based education remains paramount. Important societal questions and problems demand answers based on the broad perspective afforded by general education. Participation in a democratic society requires more than the core training provided by the major field of study. It is general education which makes the University more than merely a job-training institution. General education requirements ensure that a wide range of abilities and knowledge is developed, and that students have the intellectual integration and awareness which will prepare them for the developments and changes they will experience in their personal, social, political, and professional lives.

At College Park, the general eduation program has three major components.

FUNDAMENTAL STUDIES: These courses establish the student's ability to participate in the discourse of the University through demonstrated mastery of written English and mathematics. These requirements ensure that every student will have the tools necessary for success in higher education, and in the world beyond.

DISTRIBUTIVE STUDIES: These courses expose students to broad areas of learning in many disciplines. They serve as an introduction to the different kinds of knowledge and nature of scholarship in the humanities, physical and life sciences, mathematics, and social sciences. Students generally take distributive courses in the first two years of their coursework.

ADVANCED STUDIES: These courses continue the broadening experience of the Distributive Studies courses, and furnish the opportunity to cultivate higher-level critical thinking skills in the analysis of problems. They provide reflection upon contemporary problems in areas outside majors. Students take the advanced studies courses in their junior and senior years.

The general education requirements represent a third of the total academic work required for graduation and are designed to be spread throughout the student's four years of bacculaureate study.

Statement on Applicability of the New CORE Program and the USP Program

At College Park, the Campus Senate and the Board of Regents have approved a new general education program that went into effect Fall 1990. This program, called CORE LIBERAL ARTS AND SCIENCES STUDIES **(CORE),** must be completed by all students entering in May 1990 and thereafter with 8 or fewer credits earned at this or any other college. Students who enter and have earned nine (9) or more credits before May 1990 from this or any other college will complete their general education requirements under the UNIVERSITY STUDIES PROGRAM **(USP).** They may, however, choose the new CORE program if they so desire. AP and other exam based credits will not be considered in these determinations. Each program is outlined below and lists of approved courses for each are provided.

Statement on Statute of Limitation for Previous GEP and GUR Programs

Undergraduate students returning or transferring to College Park after August 1987 will no longer have the option of completing general education requirements under the older General Education Program (GEP) or the General University Requirements (GUR). Thereafter, following any substantive change in general education requirements, undergraduate students returning or transferring to College Park after a separation of five continuous years must follow the requirements in effect at the time of reentry. Exceptions may be granted to those students who at the time of separation had completed sixty percent (60%) of the general education requirements then in effect.

Students from Maryland public community colleges shall be treated as if registration dates were concurrent with enrollment at College Park. Other exceptions to this policy may be appealed to the Dean of Undergraduate Studies.

CORE Program Description

The CORE liberal Arts and Sciences Studies Program (CORE).

This program must be completed by all students entering in May 1990 and thereafter who have earned eight (8) or fewer credits from this or any other college. AP and other exam based credits will not be considered in this determination. A course taken to satisfy college, major, and/or supporting area requirements may also be used to satisfy CORE Fundamental Studies or Distributive Studies requirements if that course appears on the list of approved courses for this program. Courses taken to satisfy CORE requirements **MAY NOT** be taken on a Pass/Fail basis.

FUNDAMENTAL STUDIES (CORE)

Nine (9) credits required. List of approved CORE courses follows CORE outline.

1. Freshman Composition — 3 credits
   Exemptions: a. SAT verbal score 600 or above.
   b. AP English score of 4 or 5.
2. Advanced Writing — 3 credits (Taken after completion of 56 credit hours.)
   Exemptions: Students with an A in ENGL 101 **(NOT ENGL 101A OR 101X),** except for students majoring in Engineering.

(Note: No exception is granted for achievement on the SAT verbal exam.)

3. Mathematics — 3 credits
   Exemptions: a. SAT math score of 600 or above.
   b. College Board Achievement Test in Mathematics, Level I or II, score of 600 or above.
   c. AP score of 3 or above in Calculus AB or BC.
   d. Any CLEP Subject Examination in Mathematics score of 60 or above.

DISTRIBUTIVE STUDIES (CORE)

Twenty-eight (28) credits minimum required. List of approved CORE courses follows CORE outline.

Humanities and the Arts — 9 credits minimum
One course from A., one course from B., and one additional course from either A., B., or C.
- A. Literature
- B. History/Theory of the Arts
- C. Humanities

Mathematics and the Sciences — 10 credits minimum
No more than two courses from A or B, no more than one course from C. One course must include or be accompanied by a laboratory taken concurrently.
- A. Physical Science
- B. Life Science
- C. Mathematics or formal reasoning

Social Sciences — 9 credits minimum
One course from A and two courses from B.
- A. Social or Political History
- B. Behavioral and Social Science

ADVANCED STUDIES (CORE)

Six (6) credits minimum required. List of approved core courses follows core outline. One course from A and a separate course from A, B, or C.

- A. Analysis of Social & Ethical Problems. (Outside of student's major)
- B. Development of Knowledge. (Outside of student's major)
- C. Approved senior level Capstone Course. (Within student's major)

HUMAN CULTURAL DIVERSITY (CORE)

One (1) course required. List of approved core courses follows CORE outline.

Focus must be on (a) history, status, treatment, or accomplishment of women or minority groups and subcultures, or (b) non-Western culture. A course taken to satisfy a CORE Distributive or Advanced Studies requirement, College, Major or supporting area requirement may also be used to satisfy the CORE Diversity requirement if that course appears on the list of Approved CORE Diversity Courses. This requirement may be fulfilled anytime during a student's degree program. If an upper level (300 or higher) course is selected, it should not be attempted before reaching junior standing (56 credits or higher).

APPROVED COURSE LISTS FOR CORE PROGRAM

A course taken to satisfy college, major, and/or supporting area requirements may also be used to satisfy CORE Fundamental or Distributive Studies requirements if it appears on the following list of approved courses for CORE. Courses used to satisfy CORE program requirements **MAY NOT** be taken on Pass/Fail basis. Please refer to page 21 for a complete statement on the Pass/Fail policy. **Not all courses are offered each semester. Check the current course listings for course availability.** Course numbers are subject to change. Please check with departments for verification of previous numbers. See course listings in this *Schedule* and the *Undergraduate Catalog* for pre and co-requisite information.

Courses will be added to the approved CORE course lists as they are approved for inclusion in CORE. Please check with your advisor at registration time for any updates.

FUNDAMENTAL STUDIES (CORE): Approved Courses

FRESHMAN COMPOSITION (CORE) 3 credits, one course; must be attempted by 30 credit level and completed by 60 credits.

ENGL	101	Introduction to Writing
ENGL	101A	(Must be taken if student has TSWE [SAT verbal subtest] score below 330)
ENGL	101X	(Students for whom English is a second language may register for ENGL 101X instead of ENGL 101. To register for ENGL 101X, a student must present one of the following: (1) a score of 550 on the TOEFL, (2) a score of 220 on the Comprehensive English Language Test (CELT) administered at the College Park campus by the Maryland English Institute, or (3) successful completion of the Institute's semi-intensive course in English. Based on scores from either the TOEFL or CELT a student might be required to complete a program of English language instruction for non-native speakers through the Maryland English Institute **before** being allowed to register for ENGL 101X.)

ADVANCED WRITING (CORE) 3 credits, one course, taken after completion of 56 credit hours:

ENGL	391	Advanced Composition
ENGL	391H	Advanced Composition (Honors)
ENGL	391X	Advanced Composition (ESL)
ENGL	392	Advanced Composition (Pre-Law)
ENGL	393	Technical Writing
ENGL	393H	Technical Writing (Honors)
ENGL	393X	Technical Writing (ESL)
ENGL	393Z	Technical Writing (includes computer assisted instruction)
ENGL	394	Business Writing
ENGL	395	Technical Writing (pre-med and health careers)

MATHEMATICS (CORE) 3 credits, one course; attempted by 30 credit level and completed by 60 credits.

MATH	110	Elementary Mathematical Models
	or	
MATH	115	Precalculus
	or	

Any 100 or 200 level MATH or STAT course, except MATH 210 and 211.

22 General Education Requirements

DISTRIBUTIVE STUDIES (CORE): Approved Courses

Courses that also satisfy the CORE Diversity requirement are noted with a (D). These courses may be used to satisfy both the CORE Distributive Studies and the CORE Diversity requirements.

HUMANITIES AND THE ARTS (CORE) 9 credits, 3 courses:

CORE LITERATURE COURSES:

CHIN	213	Chinese Poetry into English: An Introduction
CHIN	313	Chinese Poetry and Prose in Translation
CHIN	315	Modern Chinese Literature in Translation (D)
CLAS	100	Classical Foundations
CLAS	170	Greek and Roman Mythology
CLAS	270	Greek Literature in Translation
CLAS	271	Roman Literature in Translation
CLAS	372	Classical Epic
CMLT	270	Global Literature and Social Change (D)
ENGL	201	Western World Literature, Homer to the Renaissance
ENGL	202	Western World Literature, Renaissance to the Present
ENGL	205	Introduction to Shakespeare
ENGL	211	English Literature from the Beginnings to 1800
ENGL	212	English Literature from 1800 to the Present
ENGL	221	American Literature: Beginning to 1865
ENGL	222	American Literature: 1865 to the Present
ENGL	234	Introduction to African-American Literature
ENGL	240	Introduction to Fiction, Poetry, and Drama
ENGL	241	Introduction to the Novel
ENGL	242	Introduction to Non-Fiction Prose
ENGL	243	Introduction to Poetry
ENGL	244	Introduction to Drama
ENGL	250	Introduction to Literature by Women(D)
FREN	240	Masterworks of French Literature in Translation
FREN	241	Women Writers of French Expression in Translation (D)
FREN	242	Black Writers of French Expression in Translation (D
FREN	250	Readings in French
FREN	351	French Literature from the Revolution to the Present
FREN	352	French Literature from the Middle Ages to the Revolution
GERM	281	Women in German Literature and Society
GERM	282	Germanic Mythology
GERM	285	German Film and Literature
GERM	349M	Germanic Literatures in Translation: Masterworks of Yiddish Literature (D)
GERM	383	Viking Culture and Civilization
GERM	384	Germanic Chivalric Culture
GERM	389C	Topics in Germanic Culture: The Ancient Celts
GERM	389I	Topics in Germanic Culture: Ancient India
HEBR	223	The Hebrew Bible: Narrative
HEBR	224	The Hebrew Bible: Poetry and Rhetoric
HEBR	231	Jewish Literature in Translation
HONR	138A	Classical Mythology and the Arts
HONR	138B	Images of Masculinity in Twentieth Century American Literature and Film
HONR	138C	Thanatos: The Many Meanings of Death
HONR	138D	The Story: In Short
HONR	138F	Varieties of Religious Experience in Modern Fiction
HONR	138J	Literature and Madness
HONR	138K	Nature and Place: A Course in Non-Ficton Prose
ITAL	251	Introduction to Italian Literature
ITAL	351	Italian Literature from Dante to the Renaissance
ITAL	352	Italian Literature from Renaissance to the Present
RUSS	328	19th Century Russian Literature in Translation
SPAN	221	Readings in Spanish
SPAN	223	Rhetorical Strategies and Society in Golden Age Texts
SPAN	224	Violence and Resistance in the Americas
SPAN	321	Survey of Spanish Literature: 12th to 17th Century
SPAN	322	Survey of Spanish Literature: 18th to 20th Century
SPAN	323	Survey of Spanish-American Literature I
SPAN	324	Survey of Spanish-American Literature II

CORE HISTORY/THEORY OF THE ARTS COURSES:

AMST	205	Material Aspects of American Life
ARCH	170	Introduction to the Built Environment
ARTH	100	Introduction to Art
ARTH	200	Art of the Western World I
ARTH	201	Art of the Western World II
ARTH	275	Art of Africa (D)
ARTH	290	Art of Asia
ARTT	150	Introduction to Art Theory
DANC	200	Introduction to Dance (D)
DESN	204	History of Design
DESN	362	Ideas in Design
ENGL	245	Film and the Narrative Tradition
HONR	138E	Art and Vision
HONR	138I	Watching Poetry/Reading TV
HONR	138M	The Limits of Naturalism in Pictorial Art
HONR	138M	Poetry, Calligraphy, and Painting: Visual and Verbal Representation in China (D)
HONR	138O	Survey of Music Literature
MUSC	130	Music Fundamentals I
MUSC	210	The Impact of Music on Life (D)
WMST	250	Introduction to Women's Studies: Women, Art, and Culture (D)

CORE HUMANITIES COURSES:

AASP	200	African Civilization
AMST	201	Introduction to American Studies
AMST	203	Popular Culture in America
AMST	204	Film and American Culture Studies
AMST	211	Technology and American Culture
EALL	300	The Languages of East Asia (D)
EDPA	210	Historical and Philosophical Perspectives on Education
FREN	202	Honors Intermediate French (In French)
GERM	280	German-American Cultural Contrast
HEBR	298J	Special Topics in Jewish Studies: Authority, Faith, and Reason in Judaism (crosslisted with PHIL 209J)
HIST	110	The Ancient World
HIST	112	The Rise of the West: 1500-1789
HONR	118A	In Search of American Astronomies (D)
HONR	118B	Individual Rights from Cicero to Rand
HONR	118C	Western Intellectual Heritage: The Hero and Society
HONR	138G	Literature, Landscape and Heritage
HONR	138L	The Mind and Language
HONR	138N	Gender Relations In Traditional Chinese Literature (Fall '91 Only)
HONR	138P	The Literary Film In Scandinavia
LING	240	Language and Mind
PHIL	100	Introduction to Philosophy
PHIL	101	The Structure of Knowledge
PHIL	102	Truth and Reality
PHIL	103	Self and Identity
PHIL	105	God and Cosmos
PHIL	110	Plato's Republic
PHIL	140	Contemporary Moral Issues
PHIL	201	Issues in The Philosophy of Life
PHIL	209J	Philosophical Issues: Authority, Faith and Reason in Judaism (Cross Listed with HONR 298J)
PHIL	243	Philosophy of Rural Life
PHIL	245	Political and Social Philosophy I
PHIL	250	Philosophy of Science I
PORT	223	Portuguese Culture (In English)
PORT	224	Brazilian Culture in English (D)
RUSS	281	19th Century Russian Culture
SPAN	125	Spain: From Kingdoms to Nationalities
HONR	148G	Social and Group Violence in America
HONR	148I	Uses of Education
HONR	148K	A Comparative Anatomy of Two Cold Wars
HONR	148O	The Military and The Media in American History
KNES	293	History of Sport in America

CORE BEHAVIORAL AND SOCIAL SCIENCE COURSES:

AASP	101	Public Policy and the Black Community
AMST	207	Contemporary American Cultures
ANTH	102	Introduction to Anthropology: Cultural Anthropology and Linguistics
AREC	240	Environment and Human Ecology
AREC	250	Elements of Agricultural and Resource Economics
CNEC	100	Introduction to Consumer Economics
CRIM	220	Criminology
ECON	105	Economics of Social Problems
ECON	201	Principles of Economics I
ECON	203	Principles of Economics II
ECON	205	Fundamentals of Economics
EDHD	230	Human Development and Societal Institutions (formerly EDHD 330) (D)
GEOG	100	Introduction to Geography
GEOG	150	World Cities
GEOG	202	The World in Cultural Perspective
GVPT	100	Principles of Government and Politics
GVPT	170	American Government
GVPT	200	International Political Relations
HESP	120	Introduction to Linguistics
HONR	148B	Culture and Gender: Conflict Between the Sexes (D)
GVPT	393	Honors Seminar in Public Policy, Political Behavior and Methodology
HESP	120	Introduction to Linguistics
HONR	148B	Culture and Gender: Conflict Between the Sexes (D)
HONR	148J	Religion and Culture
HONR	148L	Biopsychosocial Stress Factors in Human Health and Disease
HONR	148M	The Idea of City Planning
HONR	148N	Religion in America
LING	200	Introductory Linguistics
PSYC	100	Introduction to Psychology
SOCY	100	Introduction to Sociology
SOCY	105	Introduction to Contemporary Social Problems
WMST	200	Introduction to Women's Studies: Women and Society (D)

MATHEMATICS AND THE SCIENCES (CORE) 10 credits

Non-Laboratory Courses:
CORE PHYSICAL SCIENCES COURSES:

ASTR	200	Introductory Astronomy and Astrophysics (co-requisite: MATH 140)
CHEM	121	Chemistry in the Modern World
ENES	389A	Selected Topics: How Things Work Technological Literacy for 1990s
ENME	111	Energy and Power Generation
GEOL	120	Environmental Geology
HONR	128E	Our Nuclear Society: From Chernobyl to Pet Scans
HONR	128F	Managing Planet Earth
PHYS	101	Contemporary Physics
PHYS	111	Physics in the Modern World
PHYS	112	Physics in the Modern World
PHYS	161	General Physics: Mechanics and Particle Dynamics
PHYS	171	Introductory Physics: Mechanics

CORE LIFE SCIENCES COURSES:

AGRO	105	Soil and Environmental Quality
ANSC	252	Introduction to the Diseases of Wildlife
BOTN	211	Ecology and Mankind
ENTM	100	Insects
HONR	128C	Natural Science of Maryland
HONR	128G	Sea Monsters and Deep Sea Sharks
HONR	128I	Why and How to Conserve Biodiversity

CORE MATH OR FORMAL REASONING COURSES:

CMSC	150	Introduction to Discrete Structures (co-requisite: MATH 140)
DESN	370	Computers, Graphics, and Design
HONR	128A	Science and Pseudoscience: An Investigative Approach
HONR	128J	Selected Mathematical Classics
MATH	111	Introduction to Probability
MATH	140	Calculus I
MATH	141	Calculus II
MATH	220	Elementary Calculus I
MATH	221	Elementary Calculus II
MATH	240	Introduction to Linear Algebra
MATH	250	Analysis I (Honors)
MATH	251	Analysis II (Honors)
PHIL	271	Symbolic Logic I
STAT	100	Elementary Statistics and Probability

Laboratory Courses:
CORE PHYSICAL SCIENCES COURSES:

ASTR	101	Introduction to Astronomy
ASTR	100/110	or 111 Introduction to Astronomy and Astronomy Laboratory OR Introduction to Astronomy and Observational Astronomy Laboratory (Both courses must be taken together)

SOCIAL SCIENCES (CORE) 9 credits

CORE SOCIAL OR POLITICAL HISTORY COURSES:

AASP	100	Introduction to Afro-American Studies
AASP	202	Black Culture in the United States
HIST	106	American Jewish Experience
HIST	111	The Medieval World
HIST	113	Modern Europe: 1789-Present
HIST	126	Jewish Civilization
HIST	156	History of the United States to 1865
HIST	157	History of the United States since 1865
HIST	174	Introduction to the History of Science
HIST	175	Science and Technology in Western Civilization
CHEM	102	Chemistry of Our Environment
CHEM	103	General Chemistry I
CHEM	113	General Chemistry II
CHEM	121/122	Chemistry in the Modern World and Laboratory Chemistry (must be taken together)
GEOG	201/211	Geography of Environmental Systems and Geography of Environmental Systems Laboratory (Both courses must be taken together)
GEOL	100/110	Physical Geology and Physical Geology Laboratory (Both courses must be taken together)
PHYS	102/103	Physics of Music and Physics of Music Laboratory (Both courses must be taken together)
PHYS	106/107	Light, Perception, Photography and Visual Phenomena and Laboratory (Both courses must be taken together)
PHYS	117	Introduction to Physics
PHYS	121	Fundamentals of Physics I
PHYS	122	Fundamentals of Physics II
PHYS	141	Principles of Physics
PHYS	142	Principles of Physics
PHYS	262	General Physics: Vibrations, Waves, Heat, Electricity and Magnetism
PHYS	263	General Physics: Electrodynamics
PHYS	272/275	Introductory Physics: Vibration, Waves, Heat, Electrostatics and Magnetostatics and Experimental Physics I: Mechanics & Thermodynamics (Both courses must be taken together)

CORE LIFE SCIENCES COURSES:

AGRO	101	Introductory Crop Science
AGRO	302	Fundamentals of Soil Science
ANSC	211	Anatomy of Domestic Animals
BIOL	101/102	Concepts of Biology/Laboratory in Biology (Both courses must be taken together)
BIOL	105	Principles of Biology I
BIOL	106	Principles of Biology II
BOTN	104/105	Plant Biology for Non-Science Students and Laboratory in Plant Biology (Both courses must be taken together)
CHEM	104	Fundamentals of Organic and Biochemistry
ENTM	205	Principles of Entomology
HORT	100	Introduction to Horticulture
MICB	100	Basic Microbiology
MICB	200	General Microbiology
ZOOL	201	Human Anatomy and Physiology I
ZOOL	202	Human Anatomy and Physiology II
ZOOL	210	Animal Diversity

CORE MATH OR FORMAL REASONING COURSES:

CMSC	113	Computer Science II (Co-requisite: MATH 141)
		History of the Jewish People (D)
HIST	210	Women in America to 1880 (D)
HIST	211	Women in America since 1880 (D)
HIST	212	Women in European History, 1750-Present (D)
HIST	234	History of Britain to 1485
HIST	235	History of Britain 1461-1714
HIST	236	History of Britain 1688 to Present
HIST	237	Russian Civilization (D)
HIST	250	Latin American History I (D)
HIST	251	Latin American History II (D)
HIST	275	Law and Constitutionalism in American History
HIST	282	History of the Jewish People I
HIST	283	History of the Jewish People II (D)
HONR	148A	America and the Mass Media Since 1945

ADVANCED STUDIES (CORE): Approved Courses

6 credits, 2 courses

Courses that also satisfy the CORE Diversity requirement are noted with a (D). These courses may be used to satisfy both the CORE Advanced Studies and the CORE Diversity requirements.

ANALYSIS OF SOCIAL AND ETHICAL PROBLEMS (CORE): Minimum of 3 credits MUST be taken from this area.

AEED	323	Developing Youth Programs
AGRO	303	International Crop Production (D)
AGRO	441	Sustainable Agriculture
AMST	330	Critics of American Culture
AMST	418B	Cultural Themes in America: Culture and Mental Disorders
AMST	418D	Cultural Themes in America: Growing Up American
AMST	429B	Perspectives on Popular Culture: Science Fiction in American Culture
AREC	365	World Hunger, Population, and Food Supplies (D)
AREC	445	Agricultural Development in the Third World (D)
CHEM	374	Technology, Energy and Risk
CJUS	330	Contemporary Legal Policy Issues
CNEC	437	Consumer Behavior
EDCP	462	The Disabled Person in American Society
EDIT	476	Application of Technology to Societal Problems
ENGL	379Q	Special Topics in Literature: More's Utopia and Modern Utopian Visions
ENGL	415	Literature of the Seventeenth Century, 1660-1700
FMCD	487	Legal Aspects of Family Problems
FMCD	497	The Child and the Law
FREN	478C	Themes and Movements of French Literature in Translation: I and They: The Individual in Conflict with Society
FREN	479A	Masterworks of French Literature in Translation: Age of Anxiety: The Literature of Existentialism and the Absurd
FREN	479D	Masterworks of French Literature in Translation: Ideologies and Relations Between the Sexes (D)
GEOG	456	The Social Geography of Metropolitan Areas
GEOG	462	Water Resources Policy and Planning
GVPT	306	Global Ecopolitics
GVPT	403	Law, Morality and War (Cross-Listed with PHIL 446)
GVPT	441	History of Political Theory: Ancient and Medieval
GVPT	442	History of Political Theory: Medieval to Recent
GVPT	479A	Problems of American Public Policy: The Politics of the Vietnam War
ITAL	411	Dante (in Translation)
PHIL	441	History of Ethics: Hobbes to the Present
PHIL	446	Law, Morality and War (Cross-Listed with GVPT 403)
PHIL	447	Philosophy of Law
SOCY	305	Scarcity and Modern Society
SOCY	333	Technology and Society
SOCY	464	Military Sociology
SOCY	465	The Sociology of War
ZOOL	313	Women and Science (D)
ZOOL	381	Natural History of the Chesapeake Bay

DEVELOPMENT OF KNOWLEDGE (CORE):

AGRO	440	Crops, Soils and Civilization
AMST	418K	Cultural Themes in America: Race in America: Theory and Policy (D)
AMST	432	Literature and American Society
BCHM	361	Origins of Biochemistry
CLAS	320	Women in Classical Antiquity (D)
CLAS	470	Advanced Greek and Roman Mythology
ENGL	379M	Special Topics In Literature: Britain in the Age of Revolution 1760-1820
ENGL	453	Literary Criticism
ENGL	477	Studies in Mythmaking
ENGL	489C	Special Topics in English Language: The Language of the Law
GEOG	480	Advanced Remote Sensing
GERM	381	German Civilization I
GERM	382	German Civilization II
GVPT	443	Contemporary Political Theory
ITAL	421	The Italian Renaissance
LING	350	Philosophy of Language (Cross-Listed with PHIL 360)
LING	440	Grammars and Cognition
MATH	406	Introduction to Number Theory
MATH	430	Euclidean and Non-Euclidean Geometries
MUSC	340	Music Literature Survey
NUTR	335	History of Nutrition
PHIL	310	Ancient Philosophy
PHIL	320	Modern Philosophy
PHIL	331	Philosophy of Art
PHIL	332	Philosophy of Beauty
PHIL	360	Philosophy of Language (Cross-Listed with LING 350)
PHIL	416	Medieval Philosophy
PHIL	431	Aesthetic Theory
PHIL	450	Scientific Thought I
PHIL	451	Scienctific Thought II
PHIL	452	Philosophy of Physics
THET	495	History of Theatrical Theory and Criticism
ZOOL	301	Biological Issues and Scientific Evidence
ZOOL	328L	Biology of Extinct Animals

CAPSTONE COURSES (CORE):

Review and approval of these courses will begin in Fall 1991. List of approved courses will be available early in 1992.

HUMAN CULTURAL DIVERSITY (CORE): Approved Courses

6 credits, 2 courses

ADVISING NOTE: Students are required to select only one CORE Diversity course from the following list. This requirement may be completed **at any time** during the student's academic program. The list separates lower and upper level courses. Generally, upper level (300 or higher) Diversity courses should not be attempted before reaching junior standing (56 credits). Diversity courses that also satisfy the CORE Distributive Studies requirement are noted with an (*) asterisk. Diversity courses that also satisfy the CORE Advanced Studies requirement are noted with (**) double asterisks. These courses may be used to satisfy both the CORE Diversity and the CORE Distributive or Advanced Studies requirements. In order for a CORE Diversity course to also satisfy a CORE Advanced Studies requirement, the CORE Advanced Studies course must: 1) be taken outside of the student's major, and 2) be attempted after the student reaches 56 credits.

I. Diversity Courses Recommended for Freshman and Sophomores (below 56 credits):

ARTH	275	Art of Africa*
CMLT	270	Global Literature and Social Change*
DANC	138	Introduction to Ethnic Dance (2 credits)
DANC	200	Introduction to Dance*
EDHD	230	Human Development and Societal Institutions (formerly EDHD 330)*
ENGL	250	Introduction to Literature by Women*
FREN	241	Women Writers of French Expression in Translation*
FREN	242	Black Writers of French Expression in Translation*
HIST	210	Women in America to 1880*
HIST	211	Women in America since 1880*
HIST	212	Women in European History, 1750-Present*
HIST	237	Russian Civilization*
HIST	250	Latin American History I*
HIST	251	Latin American History II*
HIST	282	History of the Jewish People I*
HIST	283	History of the Jewish People II*
HONR	118A	In Search of Ancient Astronomies*
HONR	138O	Poetry, Calligraphy and Painting: Visual and Verbal Representation in China*
HONR	148B	Culture and Gender: Conflict Between the Sexes*
HONR	148C	Women and Mental Illness
HONR	148E	Science, Technology and the Third World
MUSC	210	The Impact of Music on Life*
PORT	224	Brazilian Culture (in English)*
SOCY	241	Inequality in American Society
SPAN	224	Violence and Resistance in the Americas*
WMST	200	Introduction to Women's Studies: Women and Society*
WMST	250	Introduction to Women's Studies: Women, Art and Culture*

II. Diversity Courses Recommended for Juniors and Seniors (56 credits or Higher):

AASP	312	Social and Cultural Effects of Colonization and Racism
AASP	441	Science, Technology and the Black Community
AASP	443	Blacks and the Law
AASP	499A	(Cross-Listed with ECON 375) Advanced Topics in Public Policy and the Black Community: Economics of Poverty and Discrimination
AGRO	303	International Crop Production**
AMST	418J	Cultural Themes in America: Women and Family in American Culture
AMST	418K	Cultural Themes in America: Race in America: Theory and Policy**
AREC	365	World Hunger, Population and Food Supplies**
AREC	445	Agricultural Development in the Third World**
ARTH	475	Ancient Art of Africa
ARTH	476	Living Art of Africa
CHIN	315	Modern Chinese Literature in Translation*
CLAS	320	Women in Classical Antiquity**
CNEC	312	Economics of the Family
CRIM	498A	Women and Crime
EALL	300	The Languages of East Asia*
ECON	375	(Cross-Listed with AASP 499A) Economics of Poverty and Discrimination
EDCP	420	Education and Racism
ENGL	348	Literary Works by Women: (topic will vary)
FMCD	381	Poverty and Affluence Among Families and Communities
FREN	478B	Themes and Movements of French Literature in Translation: Autobiographical Fiction by Francophone Women Writers
FREN	479D	Masterworks of French Literature in Translation: Ideologies and Relations between the Sexes**
FREN	499B	Literature of Francophone
GEOG	326	Africa
GEOG	416	Overseas European Colonization and the Third World
GERM	349M	Yiddish Literature in Translation: Masterworks of Yiddish Literature*
HIST	458A	Selected Topics in Women's History: Victorian Women in England, France and the United States
HLTH	471	Women's Health
JOUR	452	Women in the Media
KNES	492	History of the American Sportswoman in American Organizations
MUSC	432	Music in World Cultures I
MUSC	433	Music in World Cultures II
RTVF	462	African American Women Filmakers (formerly RTVF 418W)
SOCY	325	Sociology of Gender
TEXT	345	History of Costume I
ZOOL	313	Women and Science**

USP PROGRAM DESCRIPTION

THE UNIVERSITY STUDIES PROGRAM (USP).
This program must be completed by all students entering before May 1990 with nine (9) or more credits earned at this or any other college, unless they choose the new CORE program. A course taken to satisfy college, major, and/or supporting area requirements may also be used to satisfy USP Fundamental and Distributive Studies requirements if that course appears on the list of approved courses for this program. Courses taken to satisfy USP requirements **MAY NOT** be taken on a Pass/Fail basis. (Please refer to the Statute of Limitations for information regarding students who may have questions regarding completion of requirements under the GEP and GUR general education prorams.)

FUNDAMENTAL STUDIES (USP)
Same as CORE Fundamental Studies Requirements. See above.

DISTRIBUTIVE STUDIES (USP)
Twenty-four (24) credits required. List of approved courses follows USP outline.

- Area A: Culture and History — 6 credits, 2 courses
- Area B: Natural Sciences and Mathematics — 6 credits, 2 courses; one course must be a laboratory science
- Area C: Literature and the Arts — 6 credits, 2 courses; courses must be taken in two different departments
- Area D: Social and Behavioral Sciences — 6 credits, 2 courses

ADVANCED STUDIES (USP)
Six (6) credist required. Courses must be taken in two different departments outside of the student's major (except Honor's courses). List of approved courses follows USP outline.

- Development of Knowledge — 3 credits, 1 course
- Analysis of Human Problems — 3 credits, 1 course

APPROVED COURSE LISTS FOR USP PROGRAM

A course taken to satisfy college, and/or supporting area requirements may also be used to satisfy USP Fundamental or Distributive Studies Requirement if it appears on the following list of approved courses for USP. Courses used to satisfy USP requiements **MAY NOT** be taken on a Pass/Fail basis. Course numbers are subject to change. Please check with departments for verification or previous numbers. **Not all courses are offered each semester. Check the current course listings for course availability.**

FUNDAMENTAL STUDIES (USP): Approved Courses

FRESHMAN COMPOSITION (USP) 3 credits, one course; must be attempted by 30 credit level and completed by 60 credits: Same as CORE Fundamental Studies Approved Courses.

DISTRIBUTIVE STUDIES (USP): Approved Courses

AREA A: CULTURE AND HISTORY (USP) 6 credits, 2 courses:

AASP	100	Introduction to Afro-American Studies
AASP	200	African Civilizations
AASP	202	Black Culture in the United States
AMST	201	Introduction to American Studies
AMST	205	Material Aspects of American Life
AMST	207	Contemporary American Cultures
ANTH	298A	Chesapeake: An Archaeology of Maryland
ANTH	298B	The First Americans
CHIN	101	Intensive Elementary Chinese I
CHIN	102	Elementary Spoken Chinese
CHIN	103	Elementary Written Chinese
CHIN	201	Intermediate Spoken Chinese I
CHIN	202	Intermediate Written Chinese I
CHIN	203	Intermediate Spoken Chinese II
CHIN	204	Intermediate Written Chinese II
CLAS	170	Greek & Roman Mythology
EDPA	210	Historical and Philosophical Perspectives on Education
ENGL	260	Introduction to Folklore
FMCD	330	Family Patterns
FREN	101	Elementary French I
FREN	102	Elementary French II
FREN	103	Review of Elementary French
FREN	121/121H	Accelerated French I
FREN	122/122H	Accelerated French II
FREN	203	Intermediate French
FREN	311	Advanced Comprehension & Expression in French
FREN	312	Introduction to French Civilization: The French Press
FREN	370	Aspects of French Civilization
GEOG	150	World Cities
GEOG	202	The World in Cultural Perspective (changed from Area D, Fall 1983)
GEOG	321	Maryland and Adjacent Areas
GEOG	324	Europe
GEOG	325	The Soviet Union
GEOG	326	Africa
GEOG	327	South Asia
GEOG	331	Southeast Asia
GERM	101	Elementary German I
GERM	102	Elementary German II
GERM	103	Review of Elementary German
GERM	201	Intermediate German
GERM	280	German-American Cultural Contrast
GERM	281	Women in German Literature and Society
GERM	282	Germanic Mythology
GERM	381	German Civilization I
GERM	382	German Civilization II
GERM	383	Viking Culture & Civilization
GERM	384	German Chivalric Culture
GERM	389C	Topics in German Culture: The Ancient Celts
GERM	389I	Topics in German Culture: Ancient India
GREK	101	Elementary Greek I
GREK	102	Elementary Greek II
GREK	203	Intermediate Greek (Grammar & Reading)
GVPT	240	Political Ideologies
HEBR	111	Elementary Hebrew I
HEBR	112	Elementary Hebrew II
HEBR	211	Intermediate Hebrew I
HEBR	212	Intermediate Hebrew II
HEBR	333	Hebrew Civilization (In English)
HEBR	334	Hebrew Civilization (In English)
HIST	101	Great Ideas, Events and Personalities in Hist
HIST	110	The Ancient World
HIST	111	The Medieval World
HIST	112	The Rise of the West, 1500-1789
HIST	113	Modern Europe, 1789-Present
HIST	120	Islamic Civilization
HIST	122	African Civilization
HIST	156	History of the United States to 1865
HIST	170	The Humanities I
HIST	171	The Humanities II
HIST	174	Introduction to the History of Science
HIST	175	History and Technology in Western Civilization
HIST	176	Modern Business History
HIST	210	Women in America to 1880
HIST	211	Women in American Since 1880
HIST	234	History of Britain to 1485
HIST	235	History of Britain 1461-1714
HIST	236	History of Britain 1688 to Present
HIST	237	Russian Civilization
HIST	250	Latin American History I
HIST	251	Latin American History II
HIST	282	History of the Jewish People I
HIST	283	History of the Jewish People II
HIST	284	East Asian Civilization I
HIST	285	East Asian Civilization II
HONR	118	Freshman Honors Colloq. Cultural and Historical
HONR	318	Honors Seminar Cultural and Historical
ITAL	101	Elementary Italian I
ITAL	102	Elementary Italian II
ITAL	121/121H	Accelerated Italian I
ITAL	122/122H	Accelerated Italian II
ITAL	203	Intermediate Italian
ITAL	204	Review Grammar and Composition
ITAL	211	Intermediate Conversation
ITAL	370	Italian Civilization in Transation
JAPN	101	Elementary Japanese I
JAPN	102	Elementary Japanese II
JAPN	205	Intermediate Japanese I
JAPN	206	Intermediate Japanese II
JAPN	217	Buddhism and Japanese Literature in Translation
KNES	293	History of Sport in America
LATN	101	Elementary Latin I
LATN	102	Elementary Latin II
LATN	120	Intensive Latin
LATN	201	Intermediate Latin I
LATN	220	Intermediate Intensive Latin
PHIL	100	Introduction to Philosophy
PHIL	110	Plato's *Republic*
PHIL	243	Philosophy of Rural Life
PHIL	250	Philosophy of Science I
PORT	101	Elementary Portuguese I
PORT	102	Elementary Portuguese II
PORT	203	Intermediate Portuguese
RUSS	101	Elementary Russian I
RUSS	102	Elementary Russian II
RUSS	281	19th Century Russian Culture
SPAN	101	Elementary Spanish I
SPAN	102	Elementary Spanish II
SPAN	103	Review of Elementary Spanish
SPAN	203/203H	Intermediate Spanish
SPAN	204	Review of Oral and Written Spanish
SPAN	205	Intermediate Conversation
SPAN	311	Advanced Conversation I
SPAN	312	Advanced Conversation II
SPAN	325	Spanish Civilization I
SPAN	326	Spanish Civilization II
SPAN	346	Latin American Civilization I
SPAN	347	Latin American Civilization II
TEXT	345	History of Costume I
TEXT	347	History of Costume II
TEXT	363	History of Textiles
THET	310	The American Theatre

***NOTE: Not all courses are offered each semester. Check course listings.**

AREA B: NATURAL SCIENCES AND MATHEMATICS (USP) 6 credits, 2 courses:

Lab Sciences

AGRO	101	Introduction to Crop Science
AGRO	302	Fundamentals of Soil Science
ASTR	100/110 or 111	Introduction to Astronomy & Astronomy Laboratory or Introduction to Astronomy & Observational Astronomy Laboratory
ASTR	101	General Astronomy
BIOL	101 & 102	Organization and Interelationships in the Biological World & Laboratory in Biology
BIOL	105	Principles of Biology I
BIOL	106	Principles of Biology II
BOTN	104/105	Plant Biology for Non-Science Students and Laboratory in Plant Biology
CHEM	102	Chemistry of Our Environment
CHEM	103	General Chemistry I
CHEM	104	Fundamentals of Organic and Biochemistry
CHEM	113	General Chemistry II
CHEM	121/122	Chemistry in The Modern World and Laboratory Chemistry
ENTM	205	Principles of Entomology
GEOG	170 & 171	Maps and Map Use & Maps and Map Use Laboratory
GEOG	201 & 211	The Geography of Environmental Systems & The Geography of Environmental Systems Laboratory
GEOL	100 & 110	Physical Geology & Physical Geology Laboratory
HORT	100	Introduction to Horticulture
KNES	360	Physiology of Exercise
MICB	100	Basic Microbiology
MICB	200	Microbiology
PHYS	102 & 103	Physics of Music & Physics of Music Laboratory
PHYS	106 & 107	Light, Perception, Photography & Visual Phenomena & Light, Perception, Photography & Visual Phenomena Laboratory
PHYS	114	Energy and the Environment
PHYS	117	Introduction to Physics
PHYS	121	Fundamentals of Physics I
PHYS	122	Fundamentals of Physics II
PHYS	141	Principles of Physics I
PHYS	142	Principles of Physics II
PHYS	221	General Physics for Science Teachers I
PHYS	222	General Physics for Science Teachers II
PHYS	262	(Lab) General Physics, Vibrations, Waves, Heat, Electricity and Magnetism
PHYS	263	(Lab) General Physics: Electrodynamics, Light, Relativity and Modern Physics
PHYS	272 & 275	Introductory Physics: Thermodynamics, Electricity & Magnetism; Lab: Mechanics and Thermodynamics
PHYS	273 & 276	Introductory Physics: Electricity & Magnetism, Waves, Optics, Lab: Electricity & Magnetism
ZOOL	210	Animal Diversity

Non-Lab Science & Mathematics

AGRO	105	Soil and the Environment
ANSC	101	Principles of Animal Science
ANTH	101	Introduction to Anthropology: Archaeology & Physical Anthropology
ASTR	100	Introductory Astronomy
ASTR	350	Astronomy and Astrophysics
BIOL	101	Organization and Interrelationships in the Biological World
BOTN	103	Human Aspects of Plant Biology
BOTN	104	Plant Biology for Non-Science Students
BOTN	211	Ecology and Mankind
CHEM	121	Chemistry in the Modern World
ENAG	232	Water: A Renewable Resource
ENES	120	Noise Pollution
ENES	121	The Man-Made World
ENTM	100	Insects
GEOG	140	Coastal Environments
GEOG	170	Maps and Map Use
GEOG	201	The Geography of Environmental Systems
GEOL	100	Physical Geology
GEOL	102	Historical Geology
GEOL	120	Environmental Geology
HESP	305	Anatomy & Physiology of the Speech Mechanism
HONR	128	Freshman Honors Colloq: Natural Sciences and Mathematics
HONR	328	Honors Seminar: Natural Sciences and Mathematics
MATH	111	Introduction to Math II
MATH	140	Calculus I
MATH	141	Calculus II
MATH	210	Elements of Mathematics
MATH	211	Elements of Geometry
MATH	220	Elementary Calculus I
MATH	221	Elementary Calculus II
MATH	240	Introduction to Linear Algebra
MATH	241	Calculus III
MATH	246	Differential Equations for Scientists and Engineers
MATH	250	Analysis I
MATH	251	Analysis II
MICB	322	Microbiology and the Public
NUTR	100	Elements of Nutrition
PHIL	271	Symbolic Logic I
PHYS	101	Contemporary Physics
PHYS	102	Physics of Music
PHYS	106	Light, Perception, Photography & Visual Phenomena
PHYS	111	Physics in the Modern World I
PHYS	112	Physics in the Modern World II
PHYS	161	General Physics: Mechanics and Particle Dynamics
PHYS	171	Introductory Physics: Mechanics
PSYC	206	Developmental Biopsychology
PSYC	301	Biological Basis of Behavior
SOCY	201	Introductory Statistics for Sociology
STAT	100	Elementary Statistics and Probability
ZOOL	181	Life in the Oceans

***NOTE: Not all courses are offered each semester. Check course listings.**

AREA C: LITERATURE AND THE ARTS (USP) 6 credits, 2 courses:

NOTE: Courses must be taken in two different departments.

ARCH	170	An Introduction to the Built Environment
ARCH	222	History of Western Architecture
ARTH	100	Introduction to Art
ARTH	200	Art of the Western World I
ARTH	201	Art of the Western World II
ARTH	275	Art of Africa
ARTH	290	Arts of Asia
CHIN	213	Chinese Poetry in English
CHIN	314	Chinese Fiction and Drama in Translation
CHIN	315	Modern Chinese Literature in Translation
CHIN	441	Traditional Chinese Fiction
CHIN	442	Modern Chinese Fiction
CLAS	270	Greek Literature in Translation
CLAS	271	Roman Literature in Translation
DANC	200	Introduction to Dance
DESN	204	History of Design
ENGL	201	Western World Literature: Homer to the Renaissance
ENGL	202	Western World Literature: The Renaissance to the Present
ENGL	205	Introduction to Shakespear
ENGL	211	English Literature from Beginnings to 1800
ENGL	212	English Literature from 1800 to present
ENGL	221	American Literature: The Beginning to 1865
ENGL	222	American Literature: 1865 to the Present
ENGL	234	Introduction to African-American Literature
ENGL	240	Introduction to Fiction, Poetry, Drama
ENGL	241	Introduction to the Novel
ENGL	242	Introduction to Non-Fiction Prose
ENGL	243	Introduction to Poetry
ENGL	244	Introduction to Drama
ENGL	245	Film and the Narrative Tradition
ENGL	246	The Short Story
ENGL	247	The Literature of Fantasy
ENGL	250	Introduction to Literature by Women
ENGL	271	Honors Word Literature: Homer to the Renaissance
ENGL	272	Honors World Literature: Renaissance to the 20th Century
ENGL	301	Critical Methods in the Study of Literature
ENGL	302	English Medieval Literature in Translation
ENGL	304	Major Works of Shakespeare
ENGL	305	Shakespeare and His Contemporaries: An Introduction
ENGL	345	Twentieth Century Poetry of Britain and America
ENGL	462	Folksong and Ballad
FREN	250	Readings in French
FREN	340	Modern French Literature in Translation
FREN	351/351H	French Literature from the Revolution to the Present
FREN	352/352H	French Literature from the Middle Ages to the Revolution
GERM	220	Introduction to German Literature
GERM	285	German Film and Literature
GREK	204	Intermediate Greek (Homer)
HEBR	223	The Hebrew Bible: Narrative
HEBR	224	The Hebrew Bible: Poetry and Rhetoric
HEBR	231	Jewish Literature in Translation
HEBR	322	Israeli Literature in Translation
HONR	138	Freshman Honors Colloquium: Literature and the Arts
HONR	338	Honors Seminar: Literature and the Arts
HORT	160	Introduction to the Art of Landscaping
ITAL	251	Introduction to Italian Literature
ITAL	351	Italian Literature from Dante to the Renaissance
ITAL	352	Italian Literature from the Renaissance to the Present
ITAL	376	The Italian Opera Libretto
MUSC	130	Survey of Music Literature
MUSC	140	Music Fundamentals I
MUSC	141	Music Fundamentals II
MUSC	215	The Art of the Performer
RTVF	314	The Structure and Meaning of Film for Non-Majors
RUSS	221	Masterworks of Russian Literature I
RUSS	222	Masterworks of Russian Literature II
RUSS	328A	Nineteenth Century Russian Literature in Translation: From Pushkin to Dostoevsky
RUSS	328B	Nineteenth Century Russian Literature in Translation II: From Dostoevsky to Chekhov
SPAN	221	Readings in Spanish
SPAN	321	Survey of Spanish Literature: 12th-17th Century
SPAN	322	Survey of Spanish Literature: 18th-20th Century
SPAN	323	Survey of Spanish American Literature I
SPAN	324	Survey of Spanish American Literature II
THET	110	Introduction to the Theatre
WMST	250	Women, Art, and Culture

***NOTE: Not all courses are offered each semester. Check course listings.**

AREA D: SOCIAL AND BEHAVIORAL SCIENCES (USP) 6 credits, 2 courses:

AMST	203	Popular Culture in America
AMST	204	Film and American Culture Studies
AMST	206	Business and American Culture Studies
ANTH	102	Introduction to Anthropology
ANTH	221	Man and Environment
ANTH	241	Introduction to Archaeology
ANTH	271	Language and Culture
AREC	240	Environmental and Human Ecology
ARSC	310	Management & Leadership I
ARSC	320	National Security Forces in Contemporary American Society I
BSOS	200	Introduction to Applied Behavioral Social Sciences
CJUS	100	Introduction to Law Enforcement
CNEC	100	Introduction to Consumer Economics
CRIM	220	Criminology
ECON	105	Economics of Social Problems
ECON	201	Principles of Economics I
ECON	203	Principles of Economics II
ECON	205	Fundamentals of Economics
ECON	307	Development of Economic Ideas
ECON	310	Evolution of Modern Capitalism in Western Europe and the United States
ECON	311	American Economic Development
EDHD	230	Human Development and Social Institutions
EDHD	306	A Study of Human Behavior
EDPA	201	Education in Contemporary American Society
FMCD	201	Concepts in Community Development
FMCD	250	Decision-Making in Families and Communities
FOOD	110	Food for People
FOOD	300	Economics of Food Consumption
GEOG	100	Introduction to Geography
GEOG	110	The World Today: A Regional Geography
GEOG	130	Developing Countries
GEOG	203	Economic Geography
GVPT	100	Principles of Government and Politics
GVPT	170	American Government
GVPT	220	Introduction to Political Behavior
GVPT	273	Introduction to Environmental Policy
GVPT	343	Political Themes in Contemporary Literature
HESP	120	Introduction to Linguistics
HIST	157	History of the U.S. Since 1865
HIST	275	Law and Costitutionalism in American History
HLTH	230	Introduction to Health Behavior
HLTH	285	Controlling Stress & Tension
HONR	148	Freshman Honors Colloq: Social and Behavioral Sciences
HONR	348	Honors Seminar: Social & Behavior Sciences
JOUR	100	Introduction to Mass Communication
KNES	287	Sport and American Society
KNES	350	Psychology of Sport
KNES	385	Motor Learning and Skilled Performance
LING	200	Introduction to Linguistics
LING	240	Language and Mind
PHIL	140	Contemporary Moral Issues
PHIL	245	Political and Social Philosophy I
PSYC	100	Introduction to Psychology
PSYC	221	Social Psychology
PSYC	235	Personality and Adjustment
PSYC	310	Perception
PSYC	353	Adult Psychopathology
PSYC	355	Child Psychology
RECR	130	Recreation and Literature
RTVF	124	Mass Communication in 20th Century Society
SOCY	100	Introduction to Sociology
SOCY	105	Introduction to Contemporary Social Problems
SOCY	227	Introduction to the Study of Deviance
SOCY	230	Sociological Social Psychology
SOCY	241	Inequality in American Society
SOCY	300	American Society
SOCY	331	Work, Bureaucracy and Industry
SPCH	350	Foundation of Communication Theory
URBS	100	Introduction to Urban Studies and Planning
WMST	200	Introduction to Women's Studies: Women and Society

***NOTE: Not all courses are offered each semester. Check course listings.**

24 Advanced Studies

ADVANCED STUDIES (USP): Approved Courses

Descriptions of most courses are given in the current Undergraduate Catalog. In order to verify course prerequisites, you **must** read the description in the catalog. Course descriptions for courses which have an alphabetical suffix following the three digit number, such as PHIL 308F or HIST 312A, are printed in the section following the list of approved Advanced Studies (USP) Courses.

WARNING: A course with the same number but a different suffix and title is NOT approved for Advanced Studies (USP) credit unless it is also in the list below. NOTE: Advanced Studies (USP) courses must be taken in two different departments outside of the student's major (except HONR courses).

The following is the complete list of Advanced Studies (USP) approved courses. Not all of the courses listed below are offered every semester. Check the course listings to see which Advanced Studies (USP) courses are offered for the current semester.

DEVELOPMENT OF KNOWLEDGE (USP):

AASP	301	Applied Policy Analysis and the Black Community
AASP	303	Computer Applications in Afro-American Studies
AGRO	440	Crops, Soils and Civilization
AMST	418E	Cultural Themes in America: The American Image of Africa
AMST	418K	Cultural Themes In America Race in America: Theory and Policy
AMST	428A	American Cultural Eras: Social Dramas in American Cultural History
AMST	429B	Perspectives on Popular Culture: Science Fiction in American Culture
AMST	432	Literature and American Society
ANTH	371	Introduction to Linguistics
ANTH	389C	Research Problems: Culture and Personality
ANTH	401	Cultural Anthropology: Principles and Processes
ANTH	451	Archaeology of the New World
ARHU	308B	An Interdisciplinary Analysis of Scandinavian Civilization
ARHU	309A	Forms and Forces of Human Experience: An Interdisciplinary Exploration—Philosophies of Art
ASTR	300	Stars and Stellar Systems
ASTR	330	Solar System Astronomy
ASTR	340	Galazies and the Universe
ASTR	380	Life in the Universe
BCHM	361	Origins of Biochemistry
CJUS	330	Contemporary Legal Policy Issues
CLAS	320	Women in Classical Antiquity
CLAS	470	Advanced Greek and Roman Mythology
DESN	474	Gaming Simulation In Design I
ECON	402	Macroeconomic Models and Forecasting
EDMS	451	Introduction to Education Statistics
ENGL	320	English Romantic Literature
ENGL	379B	Special Topics in Literature Carribean Literature in English
ENGL	379E	Topics in Literature: Film Analysis—The Rhetoric of Fictional Worlds
ENGL	379I	Special Topics in Literature: Science and Literature
ENGL	379J	Special Topics in Literature: Interpreting the Bible
ENGL	379K	Special Topics in Literature: Private Lives
ENGL	379L	Special Topics in Literature: The Great Divide The Modern and Pre-Modern Worlds
ENGL	379M	Special Topics in Literature: Britain in the Age of Revolution. 1760-1802
ENGL	379O	Special Topics in Literature: Language and Gender Male/Female Difference in Language Use
ENGL	379V	Special Topics in Literature Modern Poetry and the Visual Arts
ENGL	385	Semantics
ENGL	412	Literature of the Seventeenth Century: 1600-1660
ENGL	432	American Literature, 1865-1914: Realism and Naturalism
ENGL	440	The American Novel to 1915
ENGL	453	Literary Criticism
ENGL	477	Studies in Mythmaking
ENGL	479R	Special Topics in English and American Literature after 1800: Readers, Writers and Rhetoric
ENGL	489A	Special Topics in English Language: The Language of Advertising
ENGL	489C	Special Topics in English Language: The Language of the Law
GEOL	301	Evolution in Geology
GERM	349A	Germanic Literatures in Translation — The Holocaust in Film and Literature
GERM	479B	Selected Topics in Germanic Philology: Language and Science
GNED	301	The Arts and the Sciences
GVPT	399K	Seminar in Government and Politics: Greek Tragedy as Political Theory
GVPT	429B	Problems in Political Behavior: Formal Theories of Politics
GVPT	441	History of Political Theory: Ancient and Medieval
GVPT	442	History of Political Theory: Medieval to Recent
GVPT	443	Contemporary Political Theory
GVPT	448	Non-Western Political Thought: The Origins of Islamic Political Philosophy
HEBR	440	Reconstrucing the Civilization of Ancient Mesopotamia (formerly HEBR 498R)
HEBR	498B	Special Topics in Hebrew: Issues in Jewish Ethics and Law
HIST	341	History of Anti-Semitism
HIST	401	The Scientific Revolution: From Copernicus to Newton
HIST	402	Development of Modern Physical Science From Newton to Einstein
HIST	403	20th Century Revolution in the Physical Sciences
HIST	406	History of Technology
HIST	419C	Special Topics in History: Redefining Gender in the United States, 1880-1935
HLTH	498T	Ways of Knowing About Human Stress and Tension
HONR	368	Honors Seminar: Development of Knowledge
ITAL	421	The Italian Renaissance
KNES	362	Philosophy of Sport
LING	440	Grammars and Cognition
MATH	406	Introduction to Number Theory
MATH	430	Euclidean and Non-Euclidean Geometries
NURT	335	History of Nutrition
PHIL	308A	Studies in Contemporary Philosophy: Philosophy of Literature and Film
PHIL	308D	Studies in Contemporary Philosophy: Discovery and Analogy in Science
PHIL	308E	Studies in Contemporary Philosophy: Philosophy of History
PHIL	310	Ancient Philosophy
PHIL	328B	Marxist Philosopy
PHIL	331	Philosophy of Art
PHIL	332	Philosophy of Beauty
PHIL	334	Philosophy of Music
PHIL	380	Philosophy of Psychology: Introduction
PHIL	385	Philosophy and Computers
PHIL	408D	Topics in Contemporary Philosophy: Philosophical Issues in Art History
PHIL	408F	Topics in Contemporary Philosophy: Contemrpoary French and German Philosophy
PHIL	408S	Topics in Contemporary Philosophy: The Nature of Scientific Understanding
PHIL	428A	Origins of the Modern Scientific World View
PHIL	431	Aesthetic Theory
PHIL	447	Philosophy of Law
PHIL	450	Scientific Thought I
PHIL	451	Scientific Thought II
PHIL	452	Philosophy of Physics
PHIL	453	Philosophy of Science II
PHIL	454	Philosophy of Economics
PHIL	455	Philosophy of the Social Sciences
PHIL	456	Philosophy of Biology
PHIL	458A	Topics in the Philosophy of Science: Philosophy of Agricultural Science
PHIL	458X	Topics in the Philosophy of Science: Causation and Causal Thinking
PHIL	472	Philosophy of Mathematics
PHYS	420	Principles of Modern Physics
PHYS	421	Introduction to Modern Physics
PHYS	490	History of Modern Physics
PHYS	499F	Special Topics in Physics: Twentieth Century Physics — Physics for Managers and Analysts
PORT	478A	Themes and Movements in Luso-Brazilian Literature in Translation: Africa in Brazil
PORT	478C	Themes and Movements in Luso-Brazilian Literature in Translation: Women as Authors and Characters in Brazilian Fiction
PSYC	457	Cultural Context of Psychological Development
SOCY	403	Intermediate Sociological Theory
SOCY	498K	Selected Topics in Sociology: Sociology of Knowledge
SPCH	324	Communication and Gender
SPCH	450	Classical and Medieval and Rhetorical Theory
THET	495	History of Theatrical Theory and Criticism
WMST	400	Theories of Feminism
ZOOL	301	Biological Issues and Scientific Evidence
ZOOL	323	Brain & Behavior

ANALYSIS OF HUMAN PROBLEMS (USP):

AASP	312	Social and Cultural Effects of Colonization and Racism
AASP	441	Science, Technology, and the Black Community
AASP	499A	Advanced Topics in Public Policy and the Black Community: Economics of Poverty and Discrimination (crosslisted with ECON 375)
AEED	323	Developing Youth Programs
AGRO	303	International Crop Production
AMST	330	Critics of American Culture
AMST	418B	Cultural Themes in America: Culture and Mental Disorders in Modern America
AMST	418C	Cultural Themes in America: The American Environment — Conservation and Energy
AMST	418D	Cultural Themes in America: Growing Up American
AMST	428B	American Cultural Eras: American Film Culture in the 1960's
ANTH	389B	Medicine, Health and Culture
AREC	365	World Hunger, Population, and Food Supplies
AREC	433	Food and Agricultural Policy
ARED	445	Agricultural Development in the Third World
AREC	453	Natural Resources and Public Policy
ARHU	308A	Post World War II Japan Through Film and Fiction
CHEM	374	Technology, Energy and Risk
CLAS	374	Greek Tragedy in Translation
CNEC	310	Consumer Economics and Public Policy
CNEC	410	Consumer Finance
CNEC	431	The Consumer and the Law
CNEC	435	Economics of Consumption
CNEC	437	Consumer Behavior
ECON	315	Economic Development of Underdeveloped Areas
ECON	370	Labor Markets, Human Resources, and Trade Unions
ECON	375	Economics of Poverty and Discrimination (crosslisted with AASP 499A)
ECON	451	Public Choice and Public Policy
ECON	490	Survey of Urban Economic Problems and Policies
EDCI	381	Schools and Children
EDCP	420	Education and Racism
EDCP	462	The Disabled Person in American Society
EDHD	413	Adolescent Development
EDHD	445	Guidance of Young Children
EDIT	476	Application of Technology to Societal Problems
EDIT	492	Issues Encountered in Daily Living in the Home
EDPA	400	The Future of the Human Community
EDPA	401	Educational Technology Policy and Social Change
ENAG	315	Energy: Its Effect on Agriculture and Food
ENGL	379F	Special Topics in Literature: Coping with Change
ENGL	379N	Special Topics in Literature: The Literature of Sentiment and Sentimentality
ENGL	379Q	Special Topics in Literature: More's Utopia and Modern Utopian Visions
ENGL	379R	Special Topics in Literature: Different Views of the Chesapeake Bay
ENGL	379S	Special Topics in Literature: Changing Ideas of the City in Western Literature
ENGL	379T	Special Topics in Literature: On Argument
ENGL	479A	Selected Topics in English and American Literature After 1800: Ideal and Real Communities in 19th Century American Literature
ENTM	303	International Pesticide Problems and Solutions
FMCD	381	Poverty and Affluence Among Families and Communities
FMCD	431	The Family Crisis and Intervention
FMCD	487	Legal Aspects of Family Problems
FMCD	497	The Child and the Law
FREN	478B	Themes and Movements in French Literature in Translation: Autobiographical Fiction by Francophone Women Writers
FREN	478C	Themes and Movements in French Literature in Translation: Conflict Between Individual and Society in French Literature
FREN	479A	Masterworks of French Literature in Translation The Age of Anxiety — The Literature of Existentialism and the Absurd
FREN	479D	Masterworks of French Literature in Translation: Ideologies and Relations Between the Sexes
GEOG	434	Agricultural and Rural Development
GEOG	456	Social Geography of Metropolitan Areas
GEOG	462	Water Resources and Water Resource Planning
GEOG	463	Geograhic Aspects of Pollution
GEOG	464	Energy Resources and Planning
GERM	389J	Topics in Germanic Culture: Honor as a Theme in Western Literature
GERM	389R	Topics in Germanic Culture: Reason and Faith
GNED	300	Perspectives in Nuclear War
GVPT	306	Global Ecopolitics
GVPT	403	Law, Morality, and War (cross-listed with PHIL 446)
GVPT	405	Defense Policy and Arms Control
GVPT	432	Civil Rights and the Constitution
GVPT	457	American Foreign Relations
GVPT	462	Urban Politics
GVPT	471	Women and Politics
HIST	312A	Crisis and Change in the United States: The Changing Urban Scene
HIST	312B	Crisis and Change in the United States: Dynamics of Federal Indian Policy
HIST	313A	Crisis and Change in European Society: Freedom and Authority
HIST	314A	Crisis and Change in the Middle East and Africa: Nationalism and Nation Building in the Middle East
HIST	316A	Crisis and Change in Latin America: Slavery and Race Relations
HIST	340	Eastern Europe Under Communism
HIST	342	Fascism: Theory and Practice
HIST	407	Technology and Social Change in History
HIST	419F	Special Topics in History: Deviance and Western Culture
HIST	458A	Special Topics in Women's History: Victorian Women in England, France and the United States
HLTH	476	Death Education
HLTH	490	Theories of Children's Love and Peace Behaviors
HONR	378	Honors Seminar: Analysis of Human Problems
ITAL	411	Dante in Translation
NUTR	425	International Nutrition
NUTR	498F	Development and Modification of Food Habits
PHIL	308B	Philosophy of Live
PHIL	308F	Philosophical Aspects of Feminism
PHIL	340	Making Decisions
PHIL	342	Moral Problems in Medicine
PHIL	408A	Topics in Contemporary Philosophy: Analysis and Design of Legal and Moral Institutions
PHIL	408L	Topics in Contemporary Philosophy: Racial and Sexual Discrimination
PHIL	441	History of Ethics
PHIL	446	Law, Morality and War (cross-listed with GVPT 403)
PHYS	318N	Topics in Contemporary Physics: The Risks of Nuclear Power
PSYC	354	Cross-Cultural Psychology
SOCY	305	Scarcity and Modern Society
SOCY	325	Sex Roles
SOCY	333	Technology and Society
SOCY	410	Social Demography
SOCY	427	Deviant Behavior
SOCY	431	Formal and Complex Organizations
SOCY	441	Social Stratification and Inequality
SOCY	460	Sociology of Work
SOCY	464	Military Sociology
SOCY	474	Soviet Ethnic Issues
SOCY	498A	Selected Topics in Sociology: Medical Sociology
SOCY	498N	Selected Topics in Sociology: Sociology of Nuclear War
SOCY	498R	Selected Topics in Sociology: Work Family, Community and Friendship: Issues in Social Identity and Well Being
ZOOL	346	Human Genetics and Society
ZOOL	381	Natural History of the Chesapeake Bay

Course Descriptions for Approved Advanced Studies (USP) Courses

Courses **without an alphabetical suffix following the three digits,** such as ECON 415, are described in the current Undergraduate Catalog. In order to verify course prerequisites, you must read the description in the catalog.

- Courses **with an alphabetical suffix following the three digits,** such as HIST 312A, are described below.

- **Not all courses are offered each semester.**
- **The list below ONLY inicudes those courses that are offered for Fall 1991. Check course listings.**

DEVELOPMENT OF KNOWLEDGE (USP)

AMST 429B — PERSPECTIVES ON POPULAR CULTURE: SCIENCE FICTION IN AMERICAN CULTURE. Explores science fiction as a form of communication illustrative of the roles of socialization, institutionalization and cultural criticism in American society. The course provides a historical overview of science fiction, focuses on important literary narratives, considers the icons and conventions of science fiction art and film, and introduces the theoretical insights to be gained from the disciplines of literary criticism, sociology and anthropology. Prerequisites: one of the following: AMST 203, 418, 428, 432; a course on twentieth century American history or American literature; a course on the Sociology of Art or Sociology of Knowledge; a course in the History or Philosophy of Science; previous "Fantasy and Science Fiction" course.

ANTH 389C — CULTURE AND PERSONALITY. Examines the relationship between the individual and society, as well as cross-cultural differences in personality types. Emphasis will be on biography, including anthropological life history and other material. Focus will be on determining the ways in which information pertaining to the events of individual lives contribute to our understanding of the human condition. Prerequisite: ANTH 102 or 221 or related course in the social sciences or permission of instructor.

ENGL 379E — SPECIAL TOPICS IN LITERATURE: FILM ANALYSIS: THE RHETORIC OF FICTIONAL WORLDS. Examines approximatey twelve films to reveal how narrative films create apparently closed worlds of illusion in which every action and behavior is composed as part of a pattern of meaning. This rhetorical approach implies a variety of strategies by which filmmaker and audience enter into a conspiracy of communication; the emphasis here is on the manner in which the terms of exchange are exposed, the language made visible, the illusion fractured. Prerequisite: Completion of two literature courses.

ENGL 489A — SPECIAL TOPICS IN ENGLISH LANGUAGE: THE LANGUAGE OF ADVERTISING. Examines the role of language in fulfilling the two primary purposes of advertising: (1) to inform the consumer and (2) to persuade the consumer to purchase the product. To provide a context for this examination, the course treats not only language which is peculiar to advertising, but also other uses in other kinds of communication, such as the principles governing the use of technical terminology, implications, connotations, etc. Prerequisite: Two lower division courses.

HIST 419C — SPECIAL PROBLEMS IN HISTORY: REDEFINING GENDER IN THE UNITED STATES, 1880-1935. This course examines the meanings that middle-class Americans attached to sexual difference at the turn of the century. It will test the hypothesis that gender indentities achieved extraordinary variety and fluidity between 1890 and 1920 and that subsequently a new consensus about manhood and womanhood decreased that variety and fluidity.

HLTH 498T — WAYS OF KNOWING ABOUT HUMAN STRESS AND TENSION. A critical examination of assumptions related to stress and tension via selected methods in the life sciences, the behavioral sciences, and the arts and humanities. The major goal is to help the student attain a position of responsibility with respect to what he or she knows about stress. Prerequisite: HLTH 285 and completion of the Literature and Art component of the Distributive Studies requirement.

PHIL 328B — MARXIST PHILOSOPHY. The major ideas of Marx and Engels (historical materialism, alienation, class struggle, ideology, capitalism, revolution, the state, etc.); with the Hegelian background of Marxist theory; and with 20th century additions and interpretations, including such authors as Lenin, Trotsky, Sartre, Gramsci, Habermas, and a Marxist feminist. Prerequisites: one course in PHIL or GVPT.

PHYS 499F — SPECIAL PROBLEMS IN PHYSICS: TWENTIETH CENTURY PHYSICS — PHYSICS FOR MANAGERS AND ANALYSTS. A discussion of the foundations of the profound changes in our understanding of the world that came about as result of a number of fundamental discoveries in physics. Includes relativity and the dilation of time, the wave nature of particles, and the quantum nature of waves. Prerequisite: One year of algebra-based physics, such as PHYS 121, 133. Not recommended for majors in any of the physical sciences.

ANALYSIS OF HUMAN PROBLEMS (USP)

AASP 499A — ADVANCED TOPICS IN PUBLIC POLICY AND THE BLACK COMMUNITY: ECONOMICS OF POVERTY AND DISCRIMINATION (CROSS-LISTED WITH ECON 375). This course provides an understanding of and an appreciation for the complexity of poverty and discrimination in advanced economies. Emphasis is placed on the case of the United States and in particular on the problem of black-white inequality. Prerequisites: ECON 201 and ECON 203; or ECON 205.

AMST 418B — CULTURAL THEMES IN AMERICA: CULTURE AND MENTAL DISORDERS IN MODERN AMERICA. This course will be based on a comparative, cross-cultural approach to the connections between culture and mental disorders in contemporary American society. In considering the social circumstances in which deviance is committed, labelled, and treated, emphasis will be placed on the analysis of the symbolic systems created and employed by deviants, such as psychotics, and of the symbolic systems used by therapists such as psychiatrists. The relationships between these two systems, and their connections to patterns in the general American culture will be explored. Theoretical readings will be supplemented by case studies from American and non-Western cultures. Students will have the opportunity to conduct field observations at local mental institutions. Prerequisites: a course in American studies or an anthropology, psychology, or sociology course.

ENGL 379N — SPECIAL TOPICS IN LITERATURE: THE LITERATURE OF SENTIMENT AND SENTIMENTALITY. Treats the beginning of the Romantic Movement in England, presenting major works of poetry and prose against the background of the Industrial Revolution, the French Revolution, and the growth of nationalism. The underlying question in the course, however, is how our view of the world around us, and our presentation of human experience has been influenced by the Romantic Revolution. Prerequisite: Completion of two literature courses.

GERM 389R — TOPICS IN GERMANIC CULTURE: REASON AND FAITH. An examination of the basic issue of "reason of faith" with readings drawn from both classical and contemporary writers and philosophers such as Bacon, Pascal, Voltaire, Kant, Goethe, Kierkegaard, Kafka, Camus, and Russell. Discussion will center on the crucial role the concepts "reason and faith" play in the daily decision-making process. Prerequisite: an introductory course in one of the following areas: literature, philosophy, cultural anthropology, psychology, or sociology.

HIST 312A — CRISIS AND CHANGE IN THE UNITED STATES: THE CHANGING URBAN SCENE. This course explores the changing urban scene in the United States with emphasis on the effects of urbanization on values, family patterns, intergroup relations and social structure. Theories about urbanization will be considered in relation to the historical evidence regarding cities at different stages of the national development.

HIST 312B — CRISIS AND CHANGE IN THE UNITED STATES: DYNAMICS OF FEDERAL INDIAN POLICY. This course offers in-depth analysis of federal Indian policies in the United States, presenting key periods in the development of policy toward native Americans and inviting students to evaluate the moral dilemmas which shifting federal policies have posed. The course emphasizes receptivity to different cultures and values. Prerequisite: One history course.

HIST 419F — SPECIAL TOPICS IN HISTORY: DEVIANCE AND WESTERN CULTURE. This course examines the relationship between mainstream western culture and its deviant groups in the pre-modern period. Its main purpose is to enhance understanding of how minority groups have been portrayed and treated by dominant members of society in the distant past, and to demonstrate how these minority groups have shaped in turn the content of western culture.

SEPTEMBER 16th IS THE LAST DAY TO:

- **ADD A COURSE**
- **DROP A COURSE (WITHOUT A 'W')**
- **CHANGE CREDIT LEVEL**
- **CHANGE GRADING OPTION**
- **APPLY FOR A DECEMBER 1991 DIPLOMA**
- **PROCESS A LATE REGISTRATION**

What's New and Interesting

DISTINGUISHED SCHOLAR TEACHER COURSES

In 1978-79 the campus initiated the Distinguished Scholar-Teacher Program whereby outstanding scholar-teachers receive campus-wide recognition. For academic year 1991-92, three faculty members known for their innovative research and classroom effectiveness have been named. These Distingished Scholar Teachers and their courses for the **FALL 1991** semester are:

DR. GEORGE CALLCOTT, Department of History

HIST 467/HONR 318B — History of Maryland. TuTh 9:30-10:45 a.m., 0126 Francis Scott Key
HIST 689 — Readings in Southern History. Th 4:00-6:00 p.m., 0107 Francis Scott Key

DR. BRUCE JARVIS, Department of Chemistry & Biochemistry

CHEM 233H — Organic Chemistry. MWF 9:00 a.m., 0128 Chemistry

DR. RAYMOND PATERNOSTER, Institute for Criminal Justice and Criminology

CRIM 450 — Juvenile Delinquency. MWF 10:00-10:50 a.m., 2309 Art/Sociology
CRIM 699A — Developing and Testing Delinquency Theory. W 4:00-6:45 p.m.

AFRO-AMERICAN STUDIES PROGRAM

AASP 305 — THEORETICAL AND METHODOLOGICAL ISSUES IN AFRO-AMERICAN STUDIES. AASP invites you to join in an in-depth examination of the major philosophical, theoretical and methodological issues related to conducting resarch on the complex problems confronting African-American communities. Students are encouraged to bring their own research designs or projects to incorporate in the study of these issues. In this way, each student will contribute "original" research to the body of existing theoretical and empirical work on public policy and African American communities.

AASP 310 — AFRICAN SLAVE TRADE. A survey examination of the complex relationship of the slave trade of Africans to the development of British capitalism and its industrial revolution, and to the economic and social development of the Americas.

AASP 316 — THE AFRICAN AMERICAN FAMILY. In this course, Dr. Jerome Taylor, distinguished visiting professor and Director of the renowned Institute of the Black Family, will lead students in an examination of the historical and cultural roots of the contemporary African American family. Special emphasis will be placed on the development of effective relationships, racial consciousness, self-esteem and psychological coping mechanisms.

AASP 411 — BLACK RESISTANCE MOVEMENTS. A comparative study of black resistance movements in Africa, the Caribbean and the United States. Through historical examination and analysis of contemporary efforts, we will see how people of color have coped with oppression and achieved social change.

AFRICAN AMERICAN LITERATURE.
The Afro-American Studies Program and the Department of English invite you to join in savoring the literary genius of Africans in the Ammericas. Discover the folklore of blacks in the south. Examine the anger of Ralph Ellison and James Baldwin. Experience the poignant words of African American women writers ranging from Zora to Toni Morrison. Be captured by the excitement and vibrancy of the Caribbean literary experience. The writings of blacks in the African Diaspora are as rich as they are diverse. From the slave narratives to the protest novels of the 1960's, the literature of African Americans reflects a wide array of expressions of the black experience:

AASP 298L — INTRODUCTION TO AFRICAN-AMERICAN LITERATURE. (CL: ENGL 234) Professor Sivagami Subbarman.

AASP 498A — CARIBBEAN LITERATURE IN ENGLISH. (CL: ENGL 360) Professor Alexandra Morrison.

AASP 498C — SLAVE NARRATIVE. (CL: ENGL 379C) Professor Robert Carr.

AASP 498D — AFRICAN-AMERICAN LITERATURE, BEGINNINGS TO 1910. (CL: ENGL 470) Professor Carla Peterson.

AASP 498F — AFRO-AMERICAN FOLKLORE AND CULTURE. (CL: ENGL 464) Professor Gladys Marie Fry.

AASP 498G — AFRICAN-AMERICAN LITERATURE, 1960-PRESENT. (CL: ENGL 472) Professor Mary Helen Washington.

AASP 498W — LITERATURE BY WOMEN OF COLOR. (CL: ENGL 448) Professor Sangeeta Ray.

DEPARTMENT OF AGRICULTURAL AND EXTENSION EDUCATION

AEED 789C — INFORMATION TECHNOLOGY IN AGRICULTURAL RESEARCH. For students who want to know more about using innovative technologies for research purposes. Not a computer course, computer software and their utility for research are examined along with other electronic media. Excellent course for developing more sophisticated research.

DEPARTMENT OF AGRONOMY

AGRO 105 — SOIL AND THE ENVIRONMENT. CORE and USP approved. This is a down-to-Earth course that uses an ecological approach and a worm's eye view of the soil system to get you involved with such critical issues as nutrient pollution of the Bay, solid waste management, sustainable food production, the greenhouse effect, land use planning, home-site selection, radon gas poisoning, acid rain effects, and more. As the course is designed for a diversity of students, no previous coursework in soil or environmental science is necessary.

ASTRONOMY PROGRAM

ASTR 101 — GENERAL ASTRONOMY. This is a new survey course in Astronomy and is aimed at the non-science major. It is a four credit course including a laboratory component and will satisfy the CORE Distributive Studies requirement for a lab science. This is a restructured and improved version of the former introductory survey course and lab (ASTR 100 plus 110). Two sections are being offered for Fall 1991. One will have the main lecture MWF 9-9:50 and the second TuTh 11-12:15. Laboratory and discussion sections are scheduled at various times during the week.

DEPARTMENT OF CHEMISTRY AND BIOCHEMISTRY

BCHM 465 — BIOCHEMISTRY III. General Biochemistry is now being taught as a three-semester series, with the third semester being offered for the first time this fall. The course will emphasize the biochemistry of the expression and transmission of genetic information, and include a broad survey of the properties and functions of nucleic acids. The student will leave this course with an understanding of how recent advances in molecular biology have been exploited for the study of biological systems. The text will be "Biochemistry" by Voet and Voet. A general course in biochemistry is a prerequisite. There will be a single section offered (TuTh, 8 a.m.) to be taught by Professor Hansen of the Department of Chemistry and Biochemistry.

DEPARTMENT OF BOTANY

BOTN 104 — PLANT BIOLOGY FOR NON-SCIENCE STUDENTS (3). A new course in plant biology that is specifically designed for the non-science student. Emphasis is placed on the role of plants in the living world, the importance of plants to humans, and the effects of humans on plants and the environment. This course will not count toward graduation requirements for any student in the College of Life Sciences. USP approved as a non-lab science in area B. When taken in conjunction with BOTN 105, this course counts as a lab science inUSP and CORE.

BOTN 105 — LABORATORY IN PLANT BIOLOGY (1). A new laboratory course that provides investigations for the non-science student into the processes and functions of plants, including their evolution, adaptations, and ecological roles. Pre or corequisite: BOTN 104. This course will not count toward graduation for any student in the College of Life Sciences. USP and CORE approved as lab science when taken with BOTN 104.

DEPARTMENT OF CLASSICS

FOLA 108G — ELEMENTARY FOREIGN LANGUAGES I. A new course offering Modern Greek language for beginners by regular instruction. Introduction to the basic grammar for speaking, reading and writing of Modern Greek for beginners. Not open fo credit to native speakers. The follow up elementary level course (FOLA 109G) will be offered in the Spring '92 semester.

DEPARTMENT OF COMPARITIVE LITERATURE

CMLT 270 — GLOBAL LITERATURE AND SOCIAL CHANGE. Introduction to cross-cultural studies through literature and film from Africa, Asia, Latin America and the Caribbean. Texts will be studied comparitively in light of artistic, political, and economic developments. Course satisfies CORE and Diversity requirements. Professors Lima and Meehan.

DEPARTMENT OF ECONOMICS

ECON 203H — PRINCIPLES OF ECONOMICS II. (TuTh 9:30-10:45). This covers the same general topics as ECON 203, but in more detail, in smaller classes. ECON 203H includes supplementary material, and examinations are predominantly essay type. The course may be taken before ECON 201H. While especially recommended for economics majors, all general honors students and other students with a 3.0 average are encouraged to register. The course will be taught by Professor Brechling. Topics covered: the market mechanism, the behavior of consumers, the behavior of firms perfect competition, monopoly, oligopoly, labor markets, unions, the poverty problem, international trade, and the changing economic system in Eastern Europe.

ECON 398D — COMPARATIVE INSTITUTIONAL DEVELOPMENT. (MW 11:00-12:15, Prerequisite: ECON 305, 306, or 315). Analysis of the role of the institutional framework in development, including the role of property rights, government regulation, and credit markets as they affect incentives to work, save, and invest. The course will be taught by Professor Clague, who is heading a major multi-year research project on economic development which focuses on the role of institutions and property rights, a distinctly different point of departure from the usual development literature. This course satisifies the Economics Department Area C requirement.

DEPARTMENT OF SPECIAL EDUCATION

EDSP 210 — INTRODUCTION TO SPECIAL EDUCATION. Characteristics and needs of individuals who are handicapped are examined. Current issues in special education are discussed. Open to all students considering special education.

EDSP 288C — CAREER DEVELOPMENT IN SPECIAL EDUCATION. Thinking about majoring in special education . . . but unsure as to whether or not this is the "right field" for you? Sign up for EDSP 288C, Career Development in Special Education. Not only will you get a good idea of the special education field and what it's *really* like to work in this area, but you'll also learn some college success skills and get the "low-down" on how to make the campus resources work for *you*.

DEPARTMENT OF FRENCH

FREN 240 — MASTERWORKS OF FRENCH LITERATURE IN TRANSLATION (3 credits, Professor Fink). An introductory survey of French masterworks from the 17th century to the 20th century. No knowledge of French required. Meets the new CORE literature requirement.

FREN 699 — FROM KNIGHT TO HONNETE HOMME: THE EVOLUTION OF CIVILITY IN WESTERN EUROPE (3 credits, Professor Falvo). A study of the doctrine of the "gentlemen" and its effects on human conduct as expressed in various literature of Western Europe from the Middle Ages to the 17th century. Special emphasis on the concept of honor as it developed from the institution of chivalry, and the theory of virtue elaborated by the *societe polie* of XVI and XVII century Europe. Lectures and discussions in English.

DEPARTMENT OF GEOGRAPHY

GEOG 372 — REMOTE SENSING. Principles of remote sensing in relation to photographic, thermal infra-red and radar imaging. Methods of obtaining quantitative information from remotely-sensed images. Interpretation of remotely-sensed images emphasizing the study of spatial and environmental relationships.

GEOG 441 — GEOMORPHOLOGICAL ENVIRONMENTS. Prerequisite: GEOG 201 or GEOL 100 or permission of department. Analysis of regional geomorphic environments; arctic, alpine, coastal, desert. Fluvial and glacial landscape impacts. Discussion of historical environments.

GEOG 480 — ADVANCED REMOTE SENSING. Prerequisite: GEOG 372 or introductory remote sensing course in another department. Project-oriented approach to specific applications of remote sensing. Use of numerical, digital data and pictorial images from aircraft and space vehicles. Image display and enhancement. Applications in resources management and environmental studies.

GEOG 482 — GEOGRAPHIC INFORMATION SYSTEMS. Prerequisite: GEOG 373 or permission of department. The construction and use of computer-based information systems. The collection, manipulation and automated display of geographical data. Applications in areas such as resource management, political disticting, terrain analysis, and community planning.

GEOG 618S — SEMINAR IN GEOMORPHOLOGY: APPLIED COASTAL GEOMORPHOLOGY. This new course will feature seminars from a number of experts in coastal science and policy. These seminars will be grouped around four or five themes — e.g., (i) the impacts and responses to accelerated sea-level rise, or (ii) beach nourishment: design and practice.

DEPARTMENT OF GERMANIC LANGUAGES & LITERATURES

GERM 148B — ELEMENTARY DANISH I (Greene-Gantzberg).

GERM 148Y — ELEMENTARY YIDDISH I (Bilig).

GERM 280 — GERMAN-AMERICAN CULTURAL CONTRAST (Pfister). This course is designed to make the student aware of both the surface and deep cultural differences between German speaking people and Americans. Of particular interest to those who plan to visit Germany, Austria, or Switzerland. No prerequisites; readings and instruction in English. Satisfies USP Distributive Studies Area A requirement.

GERM 281 — WOMEN IN GERMAN LITERATURE & SOCIETY (Frederiksen). This course investigates the changing social roles and literary images of women from the beginning of the 19th century to the present. Of particular interest is the literary and cultural development after 1945 under the contrasting social and economic systems of East and West Germany. Satisfies USP Distributive Studies Area C and CORE Diversity requirements.

GERM 349M — MASTERPIECES OF YIDDISH LITERATURE (Bilik). Reading and discussion of classic work of Yiddish literature. No prerequisites; readings and instruction in English.

GERM 368D — HISTORY OF DANO-NORWEGIAN LITERATURE (Greene-Gantzberg).

GERM 369M — MASTERPIECES OF SWEDISH LITERATURE (Oster). Reading and discussion of classic works of Swedish literature. No prerequisites; readings and instruction in English.

GERM 381 — GERMAN CIVILIZATION I (Richter). A survey of the general culture of the German-speaking peoples from their emergence on the European scene through the Middle Ages and up to the beginning of the 19th century. Art, architecture, and music presented with slides and recordings. No prerequisites; reading and instruction in English. Satisfies USP Distributive Studies Area A requirement.

GERM 384 — GERMANIC CHIVALRIC CULTURE (Fleck). The life-style of north central Europe focusing on the 12th and 13th centuries. The country literature of the German language area is contrasted with its Celtic and Romance models and with the bawdy counter-culture of the popular and folk narrative. As a project each student handcrafts a medieval artifact or learns a period skill. No prerequisites; readings and instruction in English. Satisfied USP Distributive Studies Area A requirement.

GERM 476 — SANSKRIT I (Fleck). First semester of an introductory sequence in the classic language of Ancient India; a second semester will be offered in Spring 1992. Graded texts are read in the devanagari writing system, starting with absolute basics and ending semester two with epic and vedic readings. Time is also devoted to the historic development from Indo-European into Indic. Study of Sanskrit is interesting and rewarding, but difficult and time-consuming; only serious students should enroll. **Offered only once every three years.**

DEPARTMENT OF ITALIAN

ITAL 376 — THE ITALIAN OPERA LIBRETTO IN TRANSLATION (3 credits, Professor Russell). A close reading of major Italian opera libretti from Monteverdi to Mozart, Verdi and Puccini; word-music relationships; the libretto as a reflexion of Italian society.

DEPARTMENT OF MATHEMATICS

MATH 299B — SPECIAL TOPICS IN MATHEMATICS: MATHEMATICA. Mathematica is a very useful easy to learn computer program for doing symbolic manipulation and graphics. The course will survey those areas of mathematics where Mathematica can be used effectively. These include calculus, differential equations, linear algebra, differential geometry, complex variables and statistics. Techniques will be developed that will be very useful to students when they take other mathematics courses. Special emphasis will be given to understanding mathematical concepts through graphing.

MATH 406H — INTRODUCTION TO NUMBER THEORY. Special Honors section. Prerequisite: MATH 141 with a C or better, or permission of department. Integers, divisibility, prime numbers, unique factorization, congruences, quadratic reciprocity, Diophantine equations and arithmetic functions.

MATH 498C/STAT 498C — INTRODUCTION TO ACTUARIAL (INSURANCE) MATHEMATICS. This course will introduce students who have had multivariable calculus to the mathematical models underlying premium calculation, life-tables, and demographic projection in an insurance context. The material covered will be geared to the syllabus of the Examination of Actuarial Societies.

DEPARTMENT OF MICROBIOLOGY

MICB 100 — BASIC MICROBIOLOGY: FROM THE PLAGUE TO DESIGNER GENES: THE BIOLOGY OF MICROORGANISMS AND HOW THEY AFFECT EVERYDAY LIFE. This course is designed for **NON-SCIENCE** majors as an interactive lecture-laboratory course. The goal is to introduce non-science majors to the historical, conceptual, societal, and ethical aspects of science, microbiology, and bio-technology. The laboratory will stress concepts in lieu of the development of specific laboratory skills. CORE Distributive Studies Laboratory Science. No Prerequisite. Instructor: Dr. Spencer Benson

DEPARTMENT OF PHILOSOPHY

PHIL 103 — SELF AND IDENTITY (Martin). An introduction to the literature, problems, and methods of philosophy through the study of problems about the self and personal identity.

PHIL 408E — ETHICS AND THE IRRATIONAL (Slote). A study of constructive irrationality, e.g. as in claims that personal love transcends duty.

PHIL 482 — PHILOSOPHY OF PSYCHOLOGY: SUBJECTIVITY (Rey). The nature of subjectivity: problems of "point of view," the "qualities" or "feel" of things; emotions, consciousness. Can these things be captured by a computational theory of mind?

SLVAIC LANGUAGES & LITERATURES

RUSS 281 — RUSSIAN LANGUAGE AND PREREVOLUTIONARY RUSSIAN CULTURE (Berry). Russian history, literature, music, art and cuisine are examined to better understand why Russians are called "mad" and why their outlook on life is different from ours. No prerequisites; instruction in English. Satisfies CORE Distributive Studies Humanities and USP Distributive Studies Area A requirements.

RUSS 328A — 19TH CENTURY RUSSIAN LITERATURE IN TRANSLATION: FROM PUSHKIN TO DOSTOEVSKY (Lekic). The Golden Age of Russian literature — a basic introduction for the general university student. Class discussions will be supplemented by slides and films. No prerequisites; readings and instruction in English. Satisfies USP Distributive Studies Area C requirement.

DEPARTMENT OF URBAN STUDIES AND PLANNING

URBS 320 — SOCIAL AND TECHNOLOGICAL DIMENSIONS OF THE CITY. This class is suggested by its title. Among the readings will be a new book — *Streetwise*, by Elijah Anderson — which is an ethnographic study of black/white relations in a mixed neighborhood. The class will also examine ecological aspects of cities, for which the main text will be *The Granite Garden*, by Ann Spirn.

URBS 401 — SEMINAR IN URBAN PROBLEMS AND POLICY. In this seminar we are going to focus on income inequality, welfare, and alternative policies for addressing poverty in the U.S. Students will examine data on income distribution, consider various definitions of poverty and interpretations of its causes, study the history and effectiveness of "Great Society" social and welfare Programs, and analyze alternative approaches for dealing with urban unemployment and poverty.

URBS 604 — THE PLANNING PROCESS. This course teaches students how to design programs in organizational and political settings. Students will learn how to analyze planning problems to solve them and will learn how to work with others in making decisions and presenting recommendations. Course assignments will involve work on real planning problems. This course is appropriate for students in any field concerned with planning community work, analysis, or administration.

URBS 673 — SOCIAL PLANNING. What is a good service program? What makes it good? What do leaders contribute to service organizations? This course provides a framework for assessing the quality of services and analyzing what contributes to good outcomes. Materials examine alternative approaches to improving public and voluntary services. Discussion will look at the role of social entrepreneurship in creating good service organizations. The course will include case materials and speakers from service programs. Students will investigate services in Maryland and elsewhere to identify good programs and analyze what contributes to them. NOTE: This is a new course; it is quite different from a former Community Planning/Urban Studies course with the same name. Prerequisite: URBS 684, URBS 604, or instructor's permission.

TUITION PLAN

The University sponsors two payment plans for use in paying tuition, room, board and telecommunication fees: The **MONTHLY BUDGET PROGRAM** permits payments for the entire academic year to be spread out in 10 equal monthly payments beginning June 1. There is an annual $50.00 non-refundable participation fee for enrolling in the program but there are no interest or finance charges connected with this plan.

The semester **THREE PAYMENT PLAN** allows students to divide payment of tuition, room, board and telecommunication charges for a semester into three payments, the first 1/3 due at the time of enrollment, with subsequent payments due October 1 and November 1. In addition to a $20.00 participation fee **EACH** semester, this plan includes additional carrying charges. The total costs associated with the THREE PAYMENT PLAN are as follows:

TOTAL BILL	DEFERRED AMOUNT	TOTAL COST
$1200-1800	$ 800-1200	$ 40
$1800-2400	$1201-1600	$ 50
$2401-3000	$1601-2000	$ 60
$3001-3700	$2001-2500	$ 70
$3701-4500	$2501-3000	$ 80
$4501-5300	$3001-3500	$ 90
$5301-6000	$3501-4000	$100

NOTE: Only current year tuition, room, board and telecommunication charges are eligible for either of these plans. PREVIOUS SEMESTER BALANCES AND CHARGES INCURRED DURING THE SEMESTER ARE NOT ELIGIBLE FOR THESE PLANS.

Questions about payment plans can be directed to the **TUITION PLAN** at 1-800-343-0911.

Student Drug and Alcohol Abuse Policy

The illegal or abusive use of drugs or alcohol by members of the campus community jeopardizes the safety of the individual and the campus community, and is inimicable to the academic learning process. The University of Maryland is therefore committed to having a campus that is free of the illegal or abusive use of drugs and alcohol. In keeping with this commitment, it is the policy of the University that the illegal or abusive use of drugs or alcohol is prohibited on University property or as part of University activities. This ***POLICY*** is to notify students of prohibited conduct and disciplinary actions which may result from violation of University policy.

Prohibited Conduct: Drugs

DRUGS

The *Code of Student Conduct* prohibits, on University premises or at University sponsored activities, the

1) unauthorized distribution;
2) possession for purposes of distribution;
3) use; or
4) possession of any controlled substance or illegal drugs.

"Controlled substance" and "illegal drugs" prohibited under the *Code* are set forth in Schedules I through V in Article 27, part 279 of the Annotated Code of Maryland.

Prohibited Conduct: Alcohol

The *Code of Student Conduct* prohibits the violation of published University regulations or policies regarding the possession, use or distribution of alcoholic beverages, as approved and compiled by the Vice-President for Student Affairs. These policies, generally described below and subject to amendment from time to time, are available for public inspection during normal business hours in the Judicial Programs Office.

The **Resident Life Alcohol Policy** controls the use, possession or distribution of alcohol in campus residence halls. This policy prohibits the possession or use of alcohol by any student under the age of 21 or the furnishing of alcohol to a person known to be under the age 21. It prohibits kegs, the sale of alcohol, and parties involving alcohol. Students of legal drinking age may consume alcohol in their rooms, suites or apartments only.

The **Office of Campus Activities Alcohol Policy** controls the use, possession or distribution of alcohol by students on University premises or at University sponsored activities. This policy prohibits the possession or use of alcohol by any student under the age of 21. Alcoholic beverages otherwise may not be possessed, consumed or distributed at events occurring on University premises or at University sponsored events unless advance written approval has been obtained from the Office of Campus Activities.

Disciplinary Sanctions

Sanctions for violations for University drug and alcohol policies include expulsion, suspension, disciplinary probation, disciplinary reprimand, restitution, dismissal from University housing, housing probation, work or research projects, and restrictions on further use of University facilities. Students may be accountable to both civil authorities and to the University for acts which constitute violations of law and University policy. Disciplinary action at the University will normally proceed during the pendency of criminal proceedings and will not be subject to challenge on the grounds that criminal charges involving the same incident have been dismissed or reduced.

TEL-UM — A Phone Service of Free Information

QUESTIONS ABOUT UM?
...Call TEL-UM for the answers to the most commonly asked questions. Easily accessible information and referral to the appropriate person or office for follow-up.

Local 314-INFO **In Maryland — 1-800-492-0703 Toll Free**

CALLING PROCEDURE:
- Select the tape number from the listing which you want to hear.
- Dial the appropriate phone number.
- Listen to the message library.
- Listen to the directions and push required number.
- Listen to the information.
- If you wish to hear another tape, stay on the phone and you will be able to select again.

HOURS OF OPERATION
TEL-UM is available seven days a week, excluding holidays, according to the following schedule: 24 hours a day for those which touch tone phones and from 8:30 a.m.-4:30 p.m. for those with rotary phones.

TEL-UM TAPES

INFORMATION PERTAINING TO STUDENTS — SECTIONS I-III

I. Admissions
100 — Application Process (undergraduate)
101 — Application Process (graduate)
102 — Transfer of Academic Credit
103 — Transcript Requests
104 — Withdrawng From/ Returning to the University
105 — Readmission
106 — Application for Summer Sessions

II. Selective Majors/Programs
110 — Special Requirements College of Business and Management
111 — Special Requirements: School of Architecture
112 — Special Requirements: College of Engineering
113 — Health Professions BS Level
114 — Honors Program

III. Services for New Students
120 — Orientation Services for Freshman, Transfer, and Parents
122 — Campus Activities/ Events Available to New Students
123 — Tours of Campus
124 — Campus Size — A Help or Hindrance?

ADVISING AND REGISTRATION ISSUES — SECTIONS IV-V

IV. Advising Issues
130 — Academic Advising
131 — Pre-Professional Programs and Advising
132 — Choosing a Major
133 — Changing a Major or College

V. Registration
141 — Registration During Orientation
142 — Registration Procedures for Students Who Can't Attend Orientation
143 — Registration Process
144 — Changes in Registration: Drop/Add/Cancellation
145 — Student I.D. Cards

FEES/FINANCIAL AID — SECTION VI

VI. Payment of Fees/Financial Aid
150 — Office of the Bursar — General Information
151 — Student Fees (undergraduate)
152 — Student Fees (graduate)
153 — Student Fee Refunds
154 — Establishing In-State Residency for Free Purposes
155 — Financial Aid (undergraduate)
157 — Financial Aid (graduate)

ESSENTIALS OF DAILY LIVING — SECTIONS VII-IX

VII. Housing
160 — On-Campus Housing: Resident Life Services and Programs
161 — On-Campus Housing: Maryland Residents
162 — On-Campus Housing: Non-Maryland Residents
163 — On-Campus Housing Overflow
164 — Graduate Housing
165 — Off-Campus Housing Service
166 — Off-Campus Housing: Signing a Lease
167 — Commuter Affairs
168 — Temporary Housing

VIII. Meals on Campus
175 — Eating on Campus
176 — Board Plan Options

IX. Transportation
180 — Transportation Alternatives
181 — Shuttle-UM
182 — Parking
183 — Parking Tickets and Appeals Process
184 — Registering Your Car
185 — Bicycles, Mopeds, and Motorcycles
186 — Car Pooling
187 — Public Transportation

ACADEMIC ISSUES — SECTIONS X-XIII

X. Academic Issues
195 — Alternative Grading Options
196 — Academic Dishonesty

XI. Examinations
200 — Credit by Examination
201 — Test of English as a Foreign Language (TOEFL)
202 — Miller Analogies Test (MAT)
203 — Graduate Management Admissions Test (GMAT)
204 — College Level Exam Program (CLEP)
205 — National Teachers Examination (NTE)
206 — Graduate Record Examination (GRE)
207 — Law School Admissions Test (LSAT)

XII. Courses
210 — AASP (Afro-American Studies Program)
211 — ASTR 100
212 — BIOL 105
213 — BIOL 106
214 — BOTN 104/105
215 — CHEM 101
216 — CHEM 103
217 — EDCP 108
218 — ENGL 101, 101A, 101X
219 — ENTM 100
220 — ENTM 303
221 — ENTM 407
222 — GVPT 170
223 — HIST 156
224 — HIST 157
225 — JOUR 100
226 — CJUS 100
227 — MATH 001
228 — MATH 110
229 — MATH 115
230 — MATH 140
231 — Music Courses for Non-Music Majors
232 — PSYC 100
233 — Physical Education Courses
234 — SOCY 100
235 — SPCH 100
236 — THET 110

XIII. Tutoring/Study Skills
240 — Intensive Educational Development Office
241 — Tutoring Services
242 — Learning Assistance Service
243 — Why, When, Where, and What to Study
244 — Speed Reading
245 — Taking Notes
246 — Test Anxiety

SPECIAL POPULATIONS — SECTION XIV

XIV. Special Populations
250 — Returning Students
251 — Child Care Alternatives
255 — Veterans
256 — Jewish Student Center
257 — Minority Support System
258 — Disabled Student Services
259 — Air Force ROTC
260 — Women's Programs and Services
261 — International Education Office
262 — English for Non Native Speakers

SERVICES AVAILABLE TO STUDENTS — SECTIONS XV-XVI

XV. Student Services
268 — Visitor Center
270 — Student Union
271 — Bookstores
272 — Library Facilities
273 — Retired Volunteer Service Corps (RVSC)
274 — Job Referral Service
275 — Judicial Programs Office
276 — Legal Aid Office
277 — Golden I.D. Program
278 — Studying Abroad
279 — Campus Mediation Center
280 — Experiential Learning Programs
281 — Volunteer Service
282 — Cooperative Education (Co-op)
283 — Internships
284 — National Student Exchange (NSE)

XVI. Campus Health Resources
285 — Community Health Resources
286 — Health Center
287 — Adult Health and Development Program
288 — Counseling Center
290 — HELP Center (Student Crisis Intervention Center)
291 — Men's Clinic
292 — Women's Health Clinic
293 — Alcohol
294 — Drugs
295 — Pregnancy

GETTING INVOLVED ON CAMPUS SECTIONS XVII-XVIII

XVII. Campus Activities
300 — Office of Campus Activities
301 — Joining a Student Group
303 — Opportunities in the Arts
304 — Fraternities and Sororities

XVIII. Sports & Recreation
320 — Intercollegiate Sports
321 — Intramural Sports
322 — Swimming Pools
323 — Sport Clubs
324 — The Fitness/Wellness Programs
325 — Recreation Opportunities

PERSONAL ISSUES — SECTION XIX

XIX. Personal Issues
330 — When Should I Seek Outside Help for Personal Problems?
331 — Re-Examing My Values
332 — Coping With Shyness
333 — Anxiety and Possible Ways to Cope with it
334 — How to Deal with Loneliness
335 — How to Handle Fears
336 — Coping with Stress
337 — The Female Sex Role Changes and Stress
338 — The Male Sex Role Changes and Stress
339 — Death and Dying
340 — Understanding Grief
341 — Helping a Friend
342 — Early Signs of an Alcohol Problem
343 — Responsible Decisions About Drinking
344 — How to Deal with Depression
345 — Becoming Independent from Parents
346 — Suicidal Crisis
348 — Protecting Yourself and Your Property

ACTIVITIES ON CAMPUS — SECTION XX

XX. Activities
401 — Activities on Campus
402 — Holf Theater Listings
403 — SEE Productions
404 — Tawes Theater (The University Theatre)
405 — SUPC Events

Tentative Schedule

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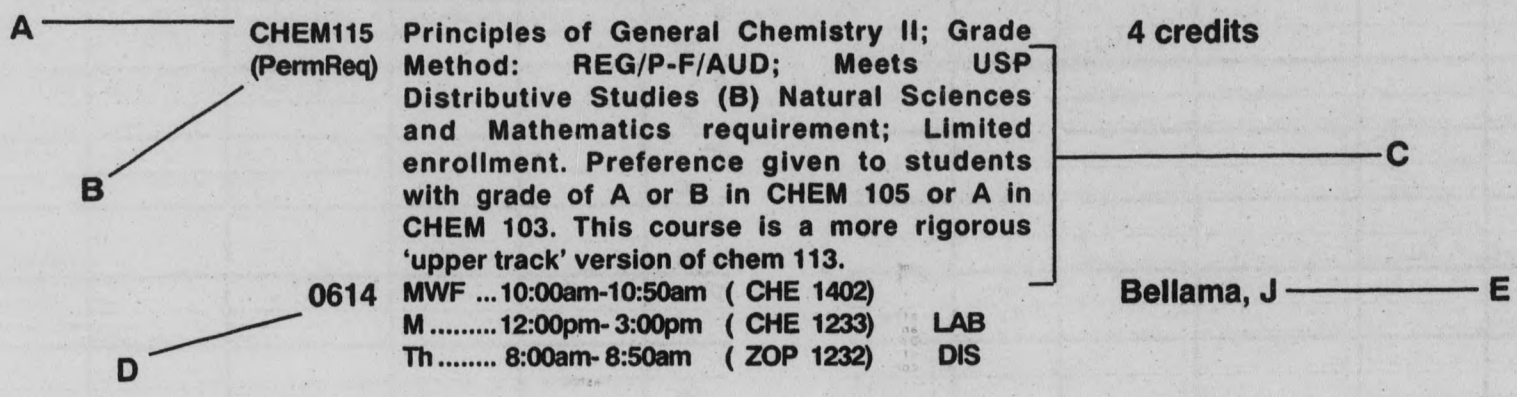
HOW TO READ COURSE LISTINGS



A. Course number, title and credits.

B. Permission required — indicates course is restricted. Students planning to request restricted courses must go to the department offering the course for authorization. Students should be sure they have a department authorization stamp, on their Schedule Request Form, prior to their registration appointment.

C. Course information — outlines information such as grading methods, prerequisites, if course meets USP requirement, special requirements, and notes.

D. Section number — The first line of information next to the section number usually refers to the meeting time and room location (room location is indicated in parentheses) for the lecture segment of the course. Laboratory (LAB) and discussion (DIS) meeting times and locations are shown on the second and third lines when applicable.

E. Instructor

AASP Afro-American Studies (Behavior & Social Sci)

AASP100 Introduction to Afro-American Studies; Grade Method: REG/P-F/AUD. CORE Distributive Studies Social or Political History Course. USP Distributive Studies Area A Course. 3 credits
0101 MW.....12:00pm-12:50pm (LEF 2205) STAFF
F.....10:00am-10:50am (EGR 0135) DIS
0102 MW.....12:00pm-12:50pm (LEF 2205) STAFF
F.....10:00am-10:50am (KEY 0126) DIS
0103 MW.....12:00pm-12:50pm (LEF 2205) STAFF
F.....11:00am-11:50am (KEY 0126) DIS
0104 MW.....12:00pm-12:50pm (LEF 2205) STAFF
F.....11:00am-11:50am (EGR 0104) DIS

AASP100H (PermReq) Introduction to Afro-American Studies; Grade Method: REG/P-F/AUD. CORE Distributive Studies Social or Political History Course. USP Distributive Studies Area A Course. 3 credits
0101 Tu.....2:00pm- 4:30pm (JRN 1101) Williams, R

AASP101 Public Policy and the Black Community; Grade Method: REG/P-F. CORE Distributive Studies Behavioral and Social Science Course. Formerly AASP 300. 3 credits
0101 M.....5:00pm- 7:30pm (KEY 1117) Cornelius, L

AASP101H (PermReq) Public Policy and the Black Community; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. Formerly AASP 300. 3 credits
0101 M.....2:00pm- 4:30pm (SCP 2121) Myers, S

AASP200 African Civilization; Grade Method: REG/P-F/AUD. CORE Distributive Studies Humanities Course. USP Distributive Studies Area A Course. 3 credits
0101 TuTh.....11:00am-12:15pm (ARM 0116) Lashley, M

AASP202 Black Culture in the United States; Grade Method: REG/P-F/AUD. CORE Distributive Studies Social or Political History Course. USP Distributive Studies Area A Course. 3 credits
0101 MW..... 10:00am-10:50am (SHM 2101) Harley, S
F.....10:00am-10:50am (WDS 1114) DIS
0102 MW.....10:00am-10:50am (SHM 2101) Harley, S
F.....10:00am-10:50am (EGR 2112) DIS
0103 MW.....10:00am-10:50am (SHM 2101) Harley, S
F.....11:00am-11:50am (CHE 2145) DIS
0104 MW.....10:00am-10:50am (SHM 2101) Harley, S
F.....11:00am-11:50am (TWS 0138) DIS
0105 MW.....10:00am-10:50am (SHM 2101) Harley, S
F.....12:00pm-12:50pm (EGR 0104) DIS
0106 MW.....10:00am-10:50am (SHM 2101) Harley, S
F.....9:00am- 9:50am (LEF 1208) DIS

AASP298A Special Topics in Afro-American Studies: Black Leaders of the Twentieth Century; Grade Method: REG/P-F/AUD. 3 credits
0101 TuTh.....11:00am-12:15pm (KEY 0125) Harlan, L

AASP298B Special Topics in Afro-American Studies: Black-Asian Relation in the United States; Grade Method: REG/P-F/AUD. 3 credits
0101 TuTh.....9:30am-10:45am (TYD 0101) Chan, T

AASP298D Special Topics in Afro-American Studies: Introduction to Ethnic Dance: West African; Grade Method: REG/P-F/AUD. 2 credits
0101 TuTh.....9:30am-10:45am (PKT 2102) LAB Frosch-Schroder

AASP298L Special Topics in Afro-American Studies: Introduction to African-American Literature; Grade Method: REG/P-F/AUD. 3 credits
0101 MWF.....1:00pm- 1:50pm (SCP 1101) Loiselle, C
0201 TuTh.....9:30am-10:45am (HZF 1108) Meehan, K
0301 MWF.....9:00am- 9:50am (SCP 1120) Upton, E
0501 MWF.....10:00am-10:50am (SCP 2122) Upton, E

AASP298R Special Topics in Afro-American Studies: The Black Church and Religion; Grade Method: REG/P-F/AUD. 3 credits
0101 Th.....3:00pm- 5:30pm (TYD 2111) Weldon, T

AASP298V Special Topics in Afro-American Studies: The Blues as a Cultural Art Form; Grade Method: REG/P-F/AUD. 3 credits
0101 W.....1:00pm- 3:30pm (SDH 3123) Williams, J

AASP305 Theoretical, Methodological and Policy Research Issues in Afro-American Studies; Grade Method: REG/P-F/AUD. Prerequisite: AASP 101 or permission of department. Formerly AASP 401. 3 credits
0101 Th..... 1:00pm- 4:00pm (JMZ 2122) Lashley, M

AASP310 African Slave Trade; Grade Method: REG/P-F/AUD. Formerly AASP 311 3 credits
0101 Time and room to be arranged STAFF

AASP386 (PermReq) Field Work; Grade Method: REG/P-F/AUD. Corequisite: AASP 387. 1-3 credits
0101 Th.....6:00pm- 7:00pm (LEF 2169) Chan, T

AASP387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD. Corequisite: AASP 386. 1-3 credits
0101 Th.....6:00pm- 7:00pm (LEF 2169) Chan, T

AASP397 (PermReq) Senior Thesis; Grade Method: REG/P-F/AUD Prerequisites: AASP 305; and permission of department. 3 credits
0101 Time and room to be arranged STAFF

AASP402 Classic Readings in Afro-American Studies; Grade Method: REG/P-F/AUD. 3 credits
0101 M.....2:00pm- 4:30pm (LEF 2166) Harley, S

AASP411 Black Resistance Movements; Grade Method: REG/P-F/AUD. 3 credits
0101 Tu.....6:00pm- 7:30pm (JMZ 2122) Cornelius, L

AASP498A Special Topics in Black Culture: Caribbean Literature in English; Grade Method: REG/P-F/AUD. 3 credits
0101 MWF.....1:00pm- 1:50pm (SCP 1103) Morrison, S

AASP498D Special Topics in Black Culture: African-American Literature: The Beginning to 1910; Grade Method: REG/P-F/AUD. 3 credits
0101 TuTh.....12:30pm- 1:45pm (SCP 2122) Logan, S

AASP498F Special Topics in Black Culture: African-American Folklore and Culture; Grade Method: REG/P-F/AUD. 3 credits
0101 TuTh.....11:00am-12:15pm (SCP 1107) Fry, G

AASP498G Special Topics in Black Culture: African-American Literature 1960 to Present; Grade Method: REG/P-F/AUD. 3 credits
0101 TuTh.....2:00pm- 3:15pm (SCP 2117) Washington, M

AASP498M Special Topics in Black Culture: Ancient Art of Africa; Grade Method: REG/P-F/AUD. 3 credits
0101 TuTh.....12:30pm- 1:45pm (ASY 3211) Eyo, E

AASP498Q Special Topics in Black Culture: African Art; Grade Method: REG/P-F/AUD. 3 credits
0101 TuTh.....3:30pm- 4:45pm (ASY 3215) Eyo, E

AASP498W Special Topics in Black Culture: Literature by Women of Color; Grade Method: REG/P-F/AUD. 3 credits
0101 TuTh.....2:00pm- 3:15pm (SCP 1107) Ray, S

AASP499A Advanced Topics in Public Policy and the Black Community: Economics of Poverty and Discrimination; Grade Method: REG/P-F/AUD. CORE Distributive Studies Cultural Diversity Course. USP Advanced Studies Analysis of Human Problems Course. 3 credits
0101 TuTh.....9:30am-10:45am (TYD 2109) Williams, R

AASP499F Advanced Topics in Public Policy and the Black Community: The African-American Family; Grade Method: REG/P-F/AUD. 3 credits
0101 Time and room to be arranged Taylor, J

AEED Agricultural and Extension Education (Agriculture)

AEED323 Developing Youth Programs; Grade Method: REG. CORE Advanced Studies Social and Ethical Problems Course. USP Advanced Studies Analysis of Human Problems Course. Prerequisite: Introductory course in statistics or permission of department. 3 credits
0101 TuTh.....11:00am-12:15pm (SYM 0200) Miller, M

AEED389A (PermReq) Selected Topics: Agricultural Leadership Development; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number 1-3 credits

AEED389B (PermReq) Selected Topics: Advanced Leadership Procedures; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

AEED489 (PermReq) Field Experience; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-4 credits

AEED499 (PermReq) Special Problems; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

AEED626 Program Development in Adult and Continuing Education; Grade Method: REG. 3 credits
0101 M.....7:00pm- 9:40pm (SYM 0115) Rivera, W

AEED691 Research Methods in Adult and Continuing Education; Grade Method: REG/AUD. 3 credits
0101 Tu.....5:00pm- 7:40pm (SYM 0115) Wisler, C

AEED699 (PermReq) Special Problems; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

AEED789C Special Topics: Information Technology in Agricultural Research; Grade Method: REG. 3 credits
0101 Th.....7:00pm- 9:40pm (SYM 0115) Rivera, W

AEED789I (PermReq) Special Topics: Institutional Development in Agricultural Extension, Grade Method: REG/AUD. 3 credits
0101 W.....7:00pm- 9:40pm (SYM 0115) Rivera, W

AEED798F Seminar in Rural Education; Grade Method: REG/AUD. 1 credit
0101 M.....5:00pm- 6:45pm (SYM 0115) Cooper, E

AEED799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

AEED899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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AGRO Agronomy (Agriculture)

AGRO101 Introductory Crop Science; Grade Method: REG/P-F/AUD. CORE Distributive Studies Life Science Laboratory Course. USP Distributive Studies Area B Course. Credit will be granted for only one of the following: AGRO 101 or AGRO 100 and AGRO 102. 4 credits
0101 MW.....10:00am-10:50am (HJP 2242) Slaughter, L
MW.....12:00pm- 2:00pm (HJP 0210) LAB
0102 MW.....10:00am-10:50am (HJP 2242) Slaughter, L
MW.....2:00pm- 4:00pm (HJP 0210) LAB

AGRO105 Soil and Environmental Quality; Grade Method: REG/P-F/AUD. CORE Distributive Studies Life Science Course. USP Distributive Studies Area B Course. 3 credits
0101 TuTh.....2:00pm- 3:15pm (HJP 2242) Weil, R

AGRO305 Introduction to Turf Management; Grade Method: REG/P-F/AUD. Formerly AGRO 405. 3 credits
0101 Tu.....7:00pm- 9:00pm (HJP 1104) Carroll, M
Th.....7:00pm- 9:40pm (HJP 1104) LAB

AGRO308 Field Soil Morphology; Grade Method: REG/P-F/AUD. 1-2 credits
0101 Time and room to be arranged Fanning, D

AGRO386 Field Work; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: AGRO 387. 1-3 credits

AGRO387 Field Work Analysis; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: AGRO 386. 1-3 credits

AGRO398 Senior Seminar; Grade Method: REG/P-F/AUD. 1 credit
0101 F.....10:00am-10:50am (HJP 1104) Slaughter, L

AGRO410 Commercial Turf Maintenance and Production; Grade Method: REG. Prerequisite: AGRO 305 and AGRO 401. 3 credits
0101 TuTh.....2:00pm- 3:00pm (HJP 1104) Carroll, M
Th... .....3:00pm- 6:00pm (HJP 1104) LAB

AGRO414 Soil Morphology, Genesis and Classification; Grade Method: REG/P-F/AUD. Prerequisite: AGRO 302. 4 credits
0101 Tu.....7:00pm-10:00pm (HJP 0103) Fanning, D
W.....2:00pm- 5:00pm (HJP 0103) LAB

AGRO415 Soil Survey and Land Use; Grade Method: REG. Prerequisite: AGRO 302. 3 credits
0101 TuTh.....1:00pm- 1:50pm (HJP 1104) Rabenhorst, M
Th.....2:00pm- 5:00pm (HJP 0210) LAB

AGRO417 Soil Physics; Grade Method: REG/P-F/AUD. Prerequisites: AGRO 302 and a course in physics; or permission of department. 3 credits
0101 MW.....10:00am-10:50am (HJP 1104) Hill, R
Tu.....2:00pm- 4:50pm (HJP 0210) LAB

AGRO423 Soil-Water Pollution; Grade Method: REG/P-F/AUD. Prerequisites: AGRO 302 and CHEM 104 or permission of department. 3 credits
0101 MWF.....9:00am- 9:50am (HJP 1104) Weismiller, R

AGRO453 Weed Science, Grade Method: REG/P-F/AUD. 3 credits
0101 MF.....2:00pm- 2:50pm (HJP 1104) Glenn, D
W..... 2:00pm- 4:50pm (HJP 1104) LAB

AGRO499 (PermReq) Special Problems in Agronomy; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

AGRO601 Advanced Crop Breeding I; Grade Method: REG. Prerequisite: AGRO 403 or equivalent. 2 credits
0101 TuTh.....11:00am-11:50am (HJP 1104) McIntosh, M

AGRO608 (PermReq) Research Methods; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-4 credits

AGRO608A Research Methods: Biotech Issues in Microbial Ecology; Grade Method: REG. 2 credits
0101 Tu.....6:00pm- 8:00pm (HJP 2242) Levin, M

AGRO608T (PermReq) Research Methods: Teaching Methods in Agronomy; Grade Method: REG/AUD. 1-3 credits
0101 Time and room to be arranged McIntosh, M

AGRO711 Advanced Plant-Soil Relationship; Grade Method: REG/AUD. Prerequisite: AGRO 411. 2 credits
0101 TuTh.....12:00pm-12:50pm (HJP 0103) Weil, R

AGRO789A Advances in Agronomy Research: Advanced SAS for Biological Data Analysis; Grade Method: REG/AUD. Concurrent registration in BIOM 405 section 0101. 2 credits
1101 MW.....11:00am-11:50am (HJP 1104) McIntosh, M

AGRO798 Agronomy Seminar; Grade Method: REG/AUD. 1 credit
0101 M.....12:00pm-12:50pm (HJP 1104) Angle, J

AGRO799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. A total of six hours required for thesis option for M.S. degree. 1-6 credits

AGRO821 Advanced Methods of Soil Investigation; Grade Method: REG/AUD. Prerequisites: AGRO 302; permission of both department and instructor. 3 credits
0101 Th.....9:00am-11:30am (HJP 0103) James, B
Tu.....9:00am-11:30am (HJP 0103) LAB

AGRO899 Doctoral Dissertation Research; Grade Method: REG Individual Instruction course: contact department or instructor to obtain section number. A total of twelve hours required for Ph.D. degree. 1-8 credits

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AMST American Studies (Arts and Humanities)

AMST201 Introduction to American Studies; Grade Method: REG/P-F/AUD. CORE Distributive Studies Humanities Course. USP Distributive Studies Area A Course. 3 credits
0201 MWF.....10:00am-10:50am (SCP 1123) Lott, D
0301 MWF.....11:00am-11:50am (SCP 1123) Lott, D
0401 MWF.....12:00pm-12:50pm (SCP 1123) Richards, M
0501 MWF.....1:00pm- 1:50pm (SCP 1123) Richards, M
0601 TuTh.....11:00am-12:15pm (SCP 1111) Frank, T
0701 TuTh.....9:30am-10:45am (KEY 0119) Taylor, D
0801 TuTh.....9:30am-10:45am (SCP 1123) Frank, T
0901 TuTh.....12:30pm- 1:45pm (SCP 1111) Taylor, D
1001 TuTh.....12:30pm- 1:45pm (TYD 2100) Benn, L
1101 TuTh.....2:00pm- 3:15pm (SCP 1123) Benn, L

AMST205 Material Aspects of American Life; Grade Method: REG/AUD. CORE Distributive Studies Arts Course. USP Distributive Studies Area A Course. 3 credits
0101 MWF.....12:00pm-12:50pm (SCP 1117) Sies, M

AMST298A Selected Topics in American Studies: Popular Music; Grade Method: REG/P-F/AUD. 3 credits
0101 M.....7:00pm- 9:45pm (ASY 1213) Keesing, H

AMST330 Critics of American Culture; Grade Method: REG/AUD. CORE Advanced Studies Social and Ethical Problems Course. USP Advanced Studies Analysis of Human Problems Course. Prerequisite: prior course in AMST, HIST, or SOCY. Junior standing. 3 credits
0101 MWF.....1:00pm- 1:50pm (SCP 1117) Lounsbury, M

AMST386 (PermReq) Field Work; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: AMST 387. 1-3 credits

AMST387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: AMST 386. 1-3 credits

AMST398 (PermReq) Independent Studies; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

AMST418B Cultural Themes in America: Culture and Mental Disorders; Grade Method: REG/AUD. CORE Advanced Studies Social and Ethical Problems Course. USP Advanced Studies Analysis of Human Problems Course. Junior standing. 3 credits
0101 TuTh.....9:30am-10:45am (SCP 1121) Caughey, J

AMST429B Perspectives on Popular Culture: Science Fiction in American Culture; Grade Method: REG/AUD. CORE Advanced Studies Social and Ethical Problems Course. USP Advanced Studies Development of Knowledge Course. Junior standing. 3 credits
0101 MWF.....11:00am-11:50am (SCP 1117) Lounsbury, M

AMST450 (PermReq) Seminar in American Studies; Grade Method: REG. Prerequisite: nine hours prior coursework in American Studies, including AMST 201. Senior standing. For AMST majors only. 3 credits
0101 TuTh.....11:00am-12:15pm (SCP 1123) Diner, H

AMST601 Introductory Seminar in American Studies; Grade Method: REG/AUD. 3 credits
0101 W.....4:00pm- 6:40pm (SCP 1101) Kelly, R

AMST602 Interdisciplinary Research Methods and Bibliographic Instruction; Grade Method: REG/AUD. 3 credits
0101 MW.....5:00pm- 6:30pm (SCP 1123) Sies, M

AMST628E (PermReq) Seminar in American Studies: Women and Family in American Culture; Grade Method: REG/AUD. 3 credits
0101 Tu.....4:00pm- 6:40pm (SCP 1117) Diner, H

AMST628M (PermReq) Seminar in American Studies: Culture and Communications, 1945-1960; Grade Method: REG/AUD. 3 credits
0101 M.....4:00pm- 6:40pm (SCP 1117) Lounsbury, M

AMST629A Seminar in American Studies: Ethnography and American Culture Studies; Grade Method: REG/AUD. 3 credits
0101 Th.....4:00pm- 6:40pm (SCP 1117) Caughey, J

AMST638 Orientation Seminar: Material Aspects of American Civilization; Grade Method: REG/AUD. Class meets at Smithsonian. Call AMST office at 405-1354 for location. Check consortium office for start date. 3 credits
0101 Th.....1:00pm- 4:00pm (Arranged) Washburn, W

AMST639A (PermReq) Reading Course in Selected Aspects of American Civilization: Decorative Arts in America; Grade Method: REG/AUD. Class meets at Smithsonian. Call American Studies Office (405-1354) for information. 3 credits
0101 Tu.....1:00pm- 3:30pm (Arranged) Carson, B

AMST698 (PermReq) Directed Readings in American Studies; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 3 credits

AMST799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

AMST899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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ANSC Animal Science (Agriculture)

The following courses may involve the use of animals. Students who are concerned about the use of animals in teaching have the responsibility to contact the instructor, prior to course enrollment, to determine whether animals are to be used in the course, whether class exercises involving animals are optional or required and what alternatives, if any, are available.

ANSC101 Principles of Animal Science; Grade Method: REG/P-F/AUD. USP Distributive Studies Area B Course. 3 credits
0101 MW.....1:00pm- 1:50pm (CHE 2110) Debarthe, J
Tu.....12:00pm- 2:00pm (ANS 1144) LAB
0102 MW.....1:00pm- 1:50pm (CHE 2110) Debarthe, J
Tu.....2:00pm- 4:00pm (ANS 1144) LAB
0103 MW.....1:00pm- 1:50pm (CHE 2110) Debarthe, J
W.....10:00am-12:00pm (ANS 1144) LAB
0104 MW.....1:00pm- 1:50pm (CHE 2110) Debarthe, J
Th.....12:00pm- 2:00pm (ANS 1144) LAB
0105 MW.....1:00pm- 1:50pm (CHE 2110) Debarthe, J
F.....12:00pm- 2:00pm (ANS 1144) LAB

ANSC201 Basic Principles of Animal Genetics; Grade Method: REG/P-F/AUD. Credit will be granted for only one of the following: ZOOL 213, ANSC 201, BOTN 414, HORT 274. 3 credits
0101 MWF.....11:00am-11:50am (HHP 1303) Kuenzel, W

ANSC211 Anatomy of Domestic Animals; Grade Method: REG/P-F/AUD. CORE Distributive Studies Life Science Laboratory Course. Prerequisite: BIOL 105. 4 credits
0101 MWF.....2:00pm- 2:50pm (CHM 1402) Hohenhaus, G
M.....3:00pm- 5:00pm (EPL 0101) LAB
0102 MWF.....2:00pm- 2:50pm (CHM 1402) Hohenhaus, G
W.....3:00pm- 5:00pm (EPL 0101) LAB
0103 MWF.....2:00pm- 2:50pm (CHM 1402) Hohenhaus, G
F.....11:00am- 1:00pm (EPL 0101) LAB

ANSC221 Fundamentals of Animal Production; Grade Method: REG/P-F/AUD. Prerequisite: ANSC 101. 3 credits
0101 TuTh.....9:00am- 9:50am (JUL 1105) Young, E
Tu.....10:00am-11:50am (JUL 1105) LAB
0102 TuTh.....9:00am- 9:50am (JUL 1105) Young, E
Th.....10:00am-11:50am (JUL 1105) LAB

ANSC252 Introduction to the Diseases of Wildlife; Grade Method: REG/P-F/AUD. CORE Distributive Studies Life Science Course. Prerequisite: BIOL 105. 2 credits
0101 M.....4:00pm- 6:00pm (CHE 2110) Hohenhaus, G

ANSC305 Companion Animal Care; Grade Method: REG/P-F/AUD. Prerequisite: BIOL 105. 3 credits
0101 MWF.....10:00am-10:50am (CHM 0115) Penney, B

ANSC332 Horse Management; Grade Method: REG. Prerequisite: ANSC 230. 3 credits
0101 TuTh.....6:00pm- 7:15pm (PHY 4208) STAFF

ANSC370 Animal Agriculture: Scientific and Cultural Perspectives; Grade Method: REG/P-F/AUD. Prerequisite: BIOL 105. 3 credits
0101 TuTh.....12:30pm- 1:45pm (CHM 0124) Young, E

ANSC386 (PermReq) Field Work; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: ANSC 387. 1-3 credits

ANSC387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: ANSC 386. 1-3 credits

ANSC399 (PermReq) Special Problems in Animal Science; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-2 credits

ANSC401 Fundamentals of Nutrition; Grade Method: REG/P-F/AUD. Prerequisite: CHEM 104 and ANSC 212. Recommended: BCHM 261. Also offered as NUSC 402. 3 credits
0101 MWF.....9:00am- 9:50am (CSS 2330) Thomas, O

ANSC413 Laboratory Animal Management; Grade Method: REG/P-F/AUD. 3 credits
0101 WF.....1:00pm- 1:50pm (CLB 0109) Nepote, K
F.....2:00pm- 5:00pm (ANS 1144) LAB

ANSC423 Beef Production; Grade Method: REG/P-F/AUD. Prerequisite: ANSC 221 and ANSC 203 or ANSC 401. 3 credits
0101 TuTh.....8:00am- 8:50am (HZF 1101) Barao, S
Th.....2:00pm- 5:00pm (HZF 1101) LAB

ANSC446 Physiology of Mammalian Reproduction; Grade Method: REG/P-F/AUD. Prerequisite: ZOOL 422 or ANSC 212. 3 credits
0101 MWF.....12:00pm-12:50pm (CHE 2118) STAFF

ANSC603 Mineral Metabolism; Grade Method: REG/AUD. Prerequisites: BCHM 461 and BCHM 462. Also offered as NUSC 603. 3 credits
0101 MF.....10:00am-12:00pm (EGR 3108) Soares Jr, J
Time and room to be arranged DIS

ANSC660 Poultry Literature; Grade Method: REG/AUD. 1-4 credits
0101 Time and room to be arranged Doerr, J

ANSC663 Advanced Nutrition Laboratory; Grade Method: REG/AUD. Prerequisite: ANSC/NUSC 401; and either BCHM 462 or NUSC 670. Also offered as NUSC 663. 3 credits
0101 Time and room to be arranged Doerr, J

ANSC687 Veterinary Virology; Grade Method: REG/AUD. Prerequisite: MICB 460. 3 credits
0101 WF.....3:00pm- 4:15pm (CHM 0115) Dutta, S

ANSC698A Seminar: Recent Advances in Animal Science; Grade Method: REG/AUD. 1 credit
0101 W.....4:00pm- 4:50pm (CHM 0124) Mather, I

ANSC698C Seminar: Recent Advances in Poultry; Grade Method: REG/AUD. 1 credit
0101 M.....4:00pm- 4:50pm (CHM 0124) Doerr, J

ANSC699 (PermReq) Special Problems in Animal Science; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-2 credits

ANSC799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

ANSC899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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ANTH Anthropology (Behavior & Social Sci)

ANTH101 Introduction to Anthropology: Archaeology and Physical Anthropology; Grade Method: REG/AUD. USP Distributive Studies Area B Course. 3 credits
0101 TuTh.....9:30am-10:45am (ARM 0126) Jackson, F
0201 MWF.....10:00am-10:50am (JMZ 0220) Seidel, J

ANTH101H Introduction to Anthropology: Archaeology and Physical Anthropology; Grade Method: REG. USP Distributive Studies Area B Course. 3 credits
0101 TuTh.....9:30am-10:45am (ARM 0126) Jackson, F
Time and room to be arranged DIS

ANTH102 Introduction to Anthropology: Cultural Anthropology and Linguistics; Grade Method: REG. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D Course 3 credits
0101 TuTh.....9:30am-10:45am (ARM 0112) Kaljee, L
0201 MWF.....9:00am- 9:50am (JMZ 0105) Williams, A

ANTH102H (PermReq) Introduction to Anthropology: Cultural Anthropology and Linguistics; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D Course. 3 credits
0101 TuTh.....9:30am-10:45am (WDS 1127) Kaljee, L
Time and room to be arranged DIS

ANTH298A Special Topics in Anthropology: Chesapeake - An Archaeology of Maryland; Grade Method: REG. USP Distributive Studies Area A Course. 3 credits
0101 MWF.....2:00pm- 2:50pm (SHM 2102) Seidel, J

ANTH398A (PermReq) Research Problems; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

ANTH389C Research Problems: Culture and Personality; Grade Method: REG. USP Advanced Studies Development of Knowledge Course. 3 credits
0101 MWF.....12:00pm-12:50pm (LEF 2166) Williams, A

ANTH389D (PermReq) Research Problems: Discourse and Culture; Grade Method: REG/P-F/AUD. 3 credits
0101 M.....3:00pm- 5:30pm (WDS 1131) STAFF

ANTH389J Research Problems: Issues in Grassroots Development; Grade Method: REG. 3 credits
0101 TuTh.....12:30pm- 1:45pm (WDS 1127) Wali, A

ANTH389R Research Problems: Sociobiology and Human Behavior; Grade Method: REG. 3 credits
0101 TuTh.....2:00pm- 3:15pm (WDS 1114) Stuart, W

ANTH389T Research Problems: Applied Urban Ethnography; Grade Method: REG. Prerequisite: ANTH 101 or permission of department. 3 credits
0101 Tu.....4:00pm- 6:30pm (WDS 1130) Whitehead, T

ANTH389U (PermReq) Research Problems: Internship; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

ANTH389X (PermReq) Research Problems: Honors Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 3 credits

ANTH389Y (PermReq) Research Problems: Honor Thesis; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 3 credits

ANTH397 Anthropological Theory; Grade Method: REG/P-F/AUD. Prerequisite: permission of department. 3 credits
0101 TuTh.....11:00am-12:15pm (WDS 1114) Stuart, W

ANTH401 Cultural Anthropology: Principles and Processes; Grade Method: REG. USP Advanced Studies Development of Knowledge Course. Prerequisites: ANTH 101, ANTH 102, or ANTH 221 3 credits
0101 MWF.....11:00am-11:50am (WDS 1114) Chambers, E

ANTH451 Archaeology of the New World; Grade Method: REG. USP Advanced Studies Development of Knowledge Course. Prerequisite: ANTH 101 or ANTH 241. 3 credits
0101 MWF.....2:00pm- 2:50pm (JMZ 0105) Little, B

ANTH601 Applied Anthropology; Grade Method: REG. 3 credits
0101 M.....6:00pm- 8:40pm (WDS 1127) Chambers, E

ANTH605 Theory of Cultural Anthropology; Grade Method: REG/AUD. 3 credits
0101 TuTh.....11:00am-12:15pm (WDS 1114) Stuart, W

ANTH606 Methods of Cultural Analysis I; Grade Method: REG. 3 credits
0101 Th.....6:00pm- 8:40pm (WDS 1127) Agar, M

ANTH611 Management and Cultural Process; Grade Method: REG. 3 credits
0101 W.....6:00pm- 8:40pm (WDS 1127) Little, B

ANTH689A (PermReq) Special Problems in Anthropology; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

ANTH689C Special Problems in Anthropology: Culture and Personality; Grade Method: REG. 3 credits
0101 MWF.....12:00pm-12:50pm (LEF 2166) Williams, A

ANTH689D (PermReq) Special Problems in Anthropology: Culture and Discourse; Grade Method: REG/AUD. 3 credits
0101 M.....3:00pm- 5:30pm (WDS 1131) STAFF

ANTH689J Special Problems in Anthropology: Issues in Grassroots Development; Grade Method: REG. 3 credits
0101 TuTh.....12:30pm- 1:45pm (WDS 1127) Wali, A

ANTH689T Special Problems in Anthropology: Applied Urban Ethnography; Grade Method: REG. 3 credits
0101 Tu.....4:00pm- 6:30pm (WDS 1130) Whitehead, T

ANTH701 Internship Preparation; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 3 credits

ANTH705 (PermReq) Internship; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: ANTH 701. 6-12 credits

ANTH712 (PermReq) Internship Analysis; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: ANTH 705. 3 credits

APDS Design (Arts and Humanities)

APDS431 Advanced Problems in Advertising Design; Grade Method: REG/P-F/AUD. Prerequisite: APDS 430. For advertising design majors only. Attendance on the first day of classes is mandatory. — 3 credits
0101 Tu.....1:00pm- 2:00pm (MHH 1413) STAFF
Th.....3:00pm- 6:00pm (MHH 1413) LAB

ARCH Architecture (Architecture)

ARCH170 Introduction to the Built Environment; Grade Method: REG/P-F/AUD. CORE Distributive Studies Arts Course. USP Distributive Studies Area C Course. — 3 credits
0101 MW.....9:00am- 9:50am (ARC 0204) Masters, E
F.....9:00am- 9:50am (ARC 1121) DIS
0102 MW.....9:00am- 9:50am (ARC 0204) Masters, E
W.....12:00pm-12:50pm (ARC 1101) DIS
0103 MW.....9:00am- 9:50am (ARC 0204) Masters, E
Th.....11:00am-11:50am (ARC 1103) DIS
0104 MW.....9:00am- 9:50am (ARC 0204) Masters, E
Th.....12:30pm- 1:30pm (ARC 1101) DIS
0105 MW.....9:00am- 9:50am (ARC 0204) Masters, E
W.....12:00pm-12:50pm (ARC 1103) DIS
0106 MW..... 9:00am- 9:50am (ARC 0204) Masters, E
W.....1:00pm- 1:50pm (ARC 1103) DIS
0107 MW.....9:00am- 9:50am (ARC 0204) Masters, E
Th.....11:00am-11:50am (ARC 1105) DIS
0201 MW.....10:00am-10:50am (ARC 0204) Hill, J
F.....12:00pm-12:50pm (ARC 1101) DIS
0202 MW.....10:00am-10:50am (ARC 0204) Hill, J
F.....11:00am-11:50am (ARC 1101) DIS
0203 MW.....10:00am-10:50am (ARC 0204) Hill, J
W.....11:00am-11:50am (ARC 1101) DIS
0204 MW.....10:00am-10:50am (ARC 0204) Hill, J
W.....12:00pm-12:50pm (ARC 1105) DIS
0205 MW.....10:00am-10:50am (ARC 0204) Hill, J
F.....1:00pm- 1:50pm (ARC 1103) DIS
0206 MW.....10:00am-10:50am (ARC 0204) Hill, J
F.....12:00pm-12:50pm (ARC 1105) DIS

ARCH220 History of Architecture I; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....9:30am-10:45am (ARC 0204) STAFF

ARCH242 Drawing I; Grade Method: REG/P-F/AUD. Architecture and pre-architecture majors only. Section 0104 is recommended for Path B students. — 2 credits
0101 M.....12:00pm-12:50pm (ARC 0204) Lewis, R
M.....9:00am-10:50am (ARC 1121) LAB
0102 M.....12:00pm-12:50pm (ARC 0204) Lewis, R
W.....9:00am-10:50am (ARC 1121) LAB
0103 M.....12:00pm-12:50pm (ARC 0204) Lewis, R
F.....9:00am-10:50am (ARC 1123) LAB
0104 M.....12:00pm-12:50pm (ARC 0204) Lewis, R
F.....12:00pm- 1:50pm (ARC 1121) LAB
0105 M.....12:00pm-12:50pm (ARC 0204) Lewis, R
Th.....7:00pm- 9:00pm (ARC 1101) LAB

ARCH312 (PermReq) Architectural Structures I; Grade Method: REG/P-F/AUD. Prerequisites: MATH 220; and PHYS 122. Recommended: ARCH 401. For ARCH majors only. — 3 credits
0101 TuTh.....11:00am-12:15pm (ARC 1101) Loss, J

ARCH313 (PermReq) Environmental Control and Systems I; Grade Method: REG/P-F/AUD. Prerequisite: MATH 220, PHYS 122, ARCH 401. For majors only. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (ARC 1101) Thiratrakoolcha

ARCH375 (PermReq) Architectural Construction and Materials; Grade Method: REG/P-F/AUD. Prerequisite: MATH 220, PHYS 122. For majors only. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (ARC 1105) Gardner, A

ARCH386 (PermReq) Field Work; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: ARCH 387. Contact David Fogle for information. — 1-3 credits

ARCH387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: ARCH 386 Contact David Fogle for information — 1-3 credits

ARCH400 (PermReq) Architecture Studio I; Grade Method: REG/P-F/AUD Prerequisite: ARCH majors only. — 6 credits
0101 MWF.....2:00pm- 6:00pm (ARC 0204) STAFF
MWF.....2:00pm- 6:00pm (ARC 1121) LAB

ARCH402 (PermReq) Architecture Studio III; Grade Method: REG/P-F/AUD. Prerequisite: ARCH 401 with a grade of C or better. For ARCH majors only. — 6 credits
0101 MWF..... .2:00pm- 6:00pm (ARC 1103) STAFF
MWF..... ..2:00pm- 6:00pm (ARC 1123) LAB

ARCH408 (PermReq) Selected Topics in Architecture Studio: Architecture Studio Elective; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: ARCH 403 or equivalent. Contact S. Sachs for information. — 3-6 credits

ARCH418E (PermReq) Selected Topics in Architectural Science: Experimental Architecture; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....3:30pm- 7:00pm (ARC 1125) Loss, J

ARCH419 (PermReq) Independent Studies in Architectural Science; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Contact J. Loss for course information. — 1-4 credits

ARCH420 (PermReq) History of American Architecture; Grade Method: REG/P-F/AUD. Prerequisite: ARCH 221 or permission of department. — 3 credits
0101 TuTh.....9:30am-10:45am (ARC 1105) Etlin, R

ARCH428B (PermReq) Selected Topics in Architectural History: History of Landscape Design; Grade Method: REG/P-F/AUD. — 3 credits
0101 MWF.....11:00am-11:50am (ARC 1123) Masters, E

ARCH428F (PermReq) Selected Topics in Architectural History: Fundamentals of Architecture; Grade Method: REG/AUD. This course is for 3 1/2 year entering students only. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (ARC 1105) Etlin, R

ARCH429 (PermReq) Independent Studies in Architectural History; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Contact L. Vann for course information. Majors only. — 1-4 credits

ARCH433 History of Renaissance Architecture; Grade Method: REG/P-F/AUD. Prerequisite: ARCH 221 or permission of department. — 3 credits
0101 W.....9:00am-10:00am (ARC 1101) Kelly, B
F.....9:00am-11:00am (ARC 1101)

ARCH445 (PermReq) Visual Analysis of Architecture; Grade Method: REG/P-F/AUD. Prerequisite: ARCH 401 and ARCH 343, or permission of department. For majors only. — 3 credits
0101 M.....10:00am-11:50am (ARC 1101) Kelly, B
W.....10:00am-10:50am (ARC 1101)

ARCH449 (PermReq) Independent Studies in Visual Studies; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Contact Stephen Sachs for information. Majors only. — 1-4 credits

ARCH453 (PermReq) Urban Problems Seminar; Grade Method: REG/P-F/AUD. Prerequisite: permission of department. Majors only. — 3 credits
0101 TuTh.....3:30pm- 4:45pm (ARC 1127) Fogle, D

ARCH454 (PermReq) Theories of Urban Form; Grade Method: REG/P-F/AUD. — 3 credits
0101 W.....11:00am-11:50am (ARC 1105) Bell, M
F.....10:00am-11:50am (ARC 1105)

ARCH459 (PermReq) Independent Studies in Urban Planning; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Contact D Fogle for course information — 1-4 credits

ARCH470 (PermReq) Computer Applications in Architecture; Grade Method: REG/P-F/AUD. Prerequisite: ARCH 400 or permission of department. ARCH majors only. — 3 credits
0101 W.....11:00am-11:50am (ARC 1127) Sachs, S
F.....11:00am-12:50pm (ARC 1127) LAB

ARCH478G (PermReq) Selected Topics in Architecture: German Expressionism; Grade Method: REG/P-F/AUD. Qualifies as architecture elective. — 3 credits
0101 W.....11:00am-11:50am (ARC 1121) Drost, U
F.....10:00am-12:00pm (ARC 1121)

ARCH478M (PermReq) Selected Topics in Architecture: Monumentalism; Grade Method: REG/P-F/AUD. Qualifies as theory seminar. — 3 credits
0101 M.....10:00am-12:00pm (ARC 1125) Weiss, M
W.....10:00am-10:50am (ARC 1125)

ARCH479 (PermReq) Independent Studies in Architecture; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Contact S. Sachs for information. — 1-4 credits

ARCH489 (PermReq) Independent Studies in Architectural Preservation; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Contact D. Fogle for course information. — 1-4 credits

ARCH600 (PermReq) Architecture Studio V; Grade Method: REG/AUD. Prerequisite: ARCH 403 or equivalent. — 6 credits
0101 MWF..... .2:00pm- 6:00pm (ARC 1105) Bechhoefer, W
MWF.....2:00pm- 6:00pm (ARC 1125) LAB

ARCH601 (PermReq) Architecture Studio VI; Grade Method REG/AUD. Prerequisite: ARCH 600. — 6 credits
0101 MWF.....2:00pm- 6:00pm (ARC 1101) STAFF
MWF.....2:00pm- 2:50pm (ARC 1101) LAB

ARCH616 (PermReq) Advanced Architectural Structures; Grade Method: REG/AUD. Prerequisite: ARCH 375, ARCH 403, ARCH 412, ARCH 415 or equivalent. For ARCH majors only. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (ARC 1103) Loss, J

ARCH674 (PermReq) Seminar in Regionalism; Grade Method: REG/AUD. Prerequisite: permission of department. — 3 credits
0101 M.....9:00am-11:00am (ARC 1123) Bechhoefer, W
W.....10:00am-10:50am (ARC 1123)

ARCH676 (PermReq) Field Research in Architecture; Grade Method: REG/AUD. Prerequisite: permission of department. — 3 credits
0101 Time and room to be arranged Bechhoefer, W

ARCH678 (PermReq) Selected Topics in Architecture; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Contact S. Sachs for course information. ARCH majors only. — 1-6 credits

ARCH678T (PermReq) Selected Topics in Architecture: Energy Conservation in Buildings; Grade Method: REG/AUD. ARCH majors only. — 3-6 credits
0101 TuTh.....11:00am-12:15pm (ARC 1123) Thiratrakoolcha

ARCH679 (PermReq) Independent Studies in Architecture; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Contact S. Sachs for information. ARCH majors only. — 1-6 credits

ARCH700 (PermReq) Architecture Studio VII; Grade Method: REG/AUD. Prerequisite: ARCH 601. — 6 credits
0101 MWF.....2:00pm- 6:00pm (ARC 1127) Schlesinger, B
MWF.....2:00pm- 6:00pm (ARC 0102) LAB

ARCH770 (PermReq) Professional Practice; Grade Method: REG/AUD. Prerequisite: ARCH 601. — 3 credits
0101 Time and room to be arranged Schlesinger, B
Time and room to be arranged

ARCH797 (PermReq) Thesis Proseminar; Grade Method: REG/AUD. Prerequisite: ARCH 601. — 3 credits
0101 MWF.....1:00pm- 1:50pm (ARC 1101) Dupuy, K

ARCH799 (PermReq) Master's Thesis Research Grade Method: REG. — 1-6 credits
0101 MWF.....2:00pm- 6:00pm (ARC 0101) LAB STAFF
MWF.....2:00pm- 6:00pm (ARC 0101) DIS

AREC Agriculture and Resource Economics (Agriculture)

AREC250 Elements of Agricultural and Resource Economics; Grade Method. REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. — 3 credits
0101 MWF.....11:00am-11:50am (SYM 0200) Lessley, B

AREC365 World Hunger, Population, and Food Supplies; Grade Method: REG/P-F/AUD. CORE Advanced Studies Social and Ethical Problems Course. CORE Distributive Studies Cultural Diversity Course. USP Advanced Studies Analysis of Human Problems Course. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (HJP 0226) Foster, P

AREC386 (PermReq) Field Work; Grade Method: REG/P-F/AUD. Corequisite: AREC 387. — 1-3 credits
0101 Time and room to be arranged STAFF

AREC387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD. Corequisite: AREC 386. — 1-3 credits
0101 Time and room to be arranged STAFF

AREC399 (PermReq) Special Problems; Grade Method: REG/P-F/AUD. — 1-2 credits
0101 Time and room to be arranged STAFF

AREC407 Agricultural Finance; Grade Method: REG/P-F/AUD. Prerequisite: AREC 250. — 3 credits
0101 MWF.....11:00am-11:50am (ARH 0110) Leathers, H
0201 MWF.....11:00am-11:50am (SYM 2109) Wysong, J

AREC414 Agricultural Business Management; Grade Method: REG/P-F/AUD. Prerequisite: AREC 250. — 3 credits
0101 TuTh.....3:30pm- 4:45pm (SYM 2109) Cain, J
0201 TuTh.....12:30pm- 1:45pm (HZF 1101) Cain, J
0301 TuTh.....12:30pm- 1:45pm (SYM 0200) Commer Jr., M

AREC427 Economics of Agricultural Marketing Systems; Grade Method: REG/P-F/AUD. Prerequisite: AREC 250. — 3 credits
0101 MWF.....8:00am- 8:50am (SYM 0200) Russell, J

AREC432 Introduction to Natural Resources Policy; Grade Method: REG/P-F/AUD. — 3 credits
0101 W.....3:15pm- 5:45pm (SYM 0200) Kangas, P
Time and room to be arranged LAB
0102 W.....3:15pm- 5:45pm (SYM 0200) Kangas, P
Time and room to be arranged LAB

AREC433 Food and Agricultural Policy; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. Prerequisite: AREC 250. — 3 credits
0101 MWF.....9:00am- 9:50am (SYM 2109) Brown, E

AREC445 Agricultural Development in the Third World; Grade Method: REG/P-F/AUD. CORE Advanced Studies Social and Ethical Problems Course. CORE Distributive Studies Cultural Diversity Course. USP Advanced Studies Analysis of Human Problems Course. Prerequisite: ECON 203 or ECON 205 or AREC 250. — 3 credits
0101 TuTh.....9:30am-10:45am (SYM 2109) Foster, P

AREC453 Natural Resources and Public Policy; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. Prerequisite: AREC 250 and ECON 203. — 3 credits
0101 TuTh.....9:30am-10:45am (SYM 0200) Strand Jr., I

AREC484 Introduction to Econometrics in Agriculture; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....3:30pm- 4:45pm (HZF 1106) STAFF

AREC620 Optimization in Agricultural and Resource Economics; Grade Method: REG/AUD. Prerequisite: differential calculus and one course in matrix or linear algebra. — 3 credits
0101 MW.... ...8:00am- 9:15am (SYM 1308) Hueth, D

AREC623 Applied Econometrics I; Grade Method: REG/AUD. This course is co-taught by Dr. Bookstael and Dr. Just. — 4 credits
0101 MWF..... 9:30am-11:00am (SYM 1308) Just, R

AREC699 (PermReq) Special Problems in Agricultural and Resource Economics; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-2 credits

AREC799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

AREC806 Advanced Agricultural Production Analysis; Grade Method: REG/AUD. Prerequisite: ECON 603 and AREC 610. — 3 credits
0101 MW.....3:30pm- 4:45pm (SYM 2109) Lopez, R

AREC825 Advanced Economic Welfare Analysis; Grade Method: REG/AUD. Credit will be granted for only one of the following: AREC 625 or AREC 825. — 3 credits
0101 MW.....2:00pm- 3:15pm (SYM 2109) Bockstael, N

AREC869 Advanced Topics in Agricultural Economics; Grade Method: REG/AUD. — 1-3 credits
0101 .....2:00pm- 2:50pm (SYM 2109) Just, R

AREC899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

ARHU Arts and Humanities (Arts and Humanities)

ARHU386 Field Work; Grade Method: REG. Corequisite: ARHU 387. Open to literacy interns only. Weekly class meeting will be determined by selecting the most commonly available time among all interns. Interested students should contact instructor at 405-2113. — 1-3 credits
0101 Time and room to be arranged Dinkins, L

ARHU387 Field Work Analysis; Grade Method: REG. Corequisite: ARHU 386. Open to literacy interns only. — 1-3 credits
0101 Time and room to be arranged Dinkins, L

ARSC Air Science

ARSC100 The Air Force Today I; Grade Method: REG. An elective but required for freshmen desiring the four-year AFROTC program. The course consists of one lecture period and one corps training period (lab) each week. All cadets must attend corps assembly on 3 and 5 Sept from 0800-0850, Room 0135 Armory. The rest of the semester, cadets will meet at 0800 on Tuesdays for lab. Only cadets with class conflict at 0800 may attend the 0700 lab with approval of instuctor. — 1 credit
0101 Tu.....11:00am-11:50am (COL 3111) Davis, G
Tu.....8:00am- 8:50am (ARM 1122) LAB
0102 Tu.....12:00pm-12:50pm (COL 3111) Davis, G
Tu.....8:00am- 8:50am (ARM 1122) LAB
0103 W.....9:00am- 9:50am (COL 3111) Davis, G
Tu.....8:00am- 8:50am (ARM 1122) LAB
0111 Tu.....11:00am-11:50am (COL 3111) Davis, G
Tu.....7:00am- 7:50am (ARM 1122) LAB
0112 Tu.....12:00pm-12:50pm (COL 3111) Davis, G
Tu.....7:00am- 7:50am (ARM 1122) LAB
0113 W.....9:00am- 9:50am (COL 3111) Davis, G
Tu.....7:00am- 7:50am (ARM 1122) LAB

ARSC200 The Development of Air Power I; Grade Method. REG. An elective, but required for sophomores desiring the four-year AFROTC Program. The course consists of one lecture period and one corps training period (lab) each week. All cadets must attend corps assembly on 3 and 5 Sept from 0800-0850, Room 0135 Armory. The rest of the semester, cadets will meet at 0800 on Tuesdays for lab. Only cadets with class conflicts at 0800 may attend the 0700 lab with approval of instructor. — 1 credit
0101 Tu..... 10:00am-10:50am (COL 3111) Davis, G
Tu.....8:00am- 8:50am (ARM 1122) LAB
0102 W.....10:00am-10:50am (COL 3110) Davis, G
W.....8:00am- 8:50am (ARM 1122) LAB
0111 Tu.....10:00am-10:50am (COL 3111) Davis, G
Tu.....7:00am- 7:50am (ARM 1122) LAB
0112 W.....10:00am-10:50am (COL 3110) Davis, G
Tu.....7:00am- 7:50am (ARM 1122) LAB

ARSC205 (PermReq) The U.S. Air Force and Air Power; Grade Method: REG. Open only to applicants selected by AFROTC to compete for entrance into the two-year AFROTC program as a contract cadet. — 4 credits
0101 Time and room to be arranged Davis, G

ARSC310 Management and Leadership I; Grade Method: REG. USP Distributive Studies Area D Course. Consists of 3 lecture hours and one corps training (lab) period each week. Required for all juniors in AFROTC. All cadets must attend corps assembly on Sept 3 and 5 from 0800 - 0850, Room 0135 Armory. The rest of the semester, cadets will meet at 0800 on Tuesdays for lab. Only cadets with class conflicts at 0800 may attend the 0700 lab with approval of instructor. — 3 credits
0101 Tu.....9:00am-11:30am (COL 3110) Miller, R
Tu.....8:00am- 8:50am (COL 3109) LAB
0102 TuTh.....2:00pm- 3:15pm (COL 3110) Miller, R
Tu.....8:00am- 8:50am (COL 3109) LAB
0111 Tu.....9:00am-11:30am (COL 3110) Miller, R
Tu.....7:00am- 7:50am (COL 3109) LAB
0112 TuTh.....2:00pm- 3:15pm (COL 3110) Miller, R
Tu.....7:00am- 7:50am (COL 3109) LAB

ARSC320 National Security Forces in Contemporary American Society I; Grade Method: REG. USP Distributive Studies Area D Course. Consists of 3 lecture hours and one corps training (lab) period each week. Required course for all seniors in AFROTC and open to all university students (without lab) as an elective. All cadets must attend corps assembly on Sept 3 and 5 from 0800-0850, Room 0135 Armory. The rest of the semester, cadets will meet at 0800 on Tuesdays for lab. Cadets may attend 0101 only with approval of instructor. — 3 credits
0100 Tu.....9:00am-11:30am (COL 3121) Lausman, S
Tu.....8:00am- 8:50am (COL 3109) LAB
0101 Tu.....9:00am-11:30am (COL 3121) Lausman, S
Tu.....7:00am- 7:50am (COL 3109) LAB
0200 Time and room to be arranged Lausman, S
Time and room to be arranged LAB

ARTH Art History and Archaeology (Arts and Humanities)

ARTH100 Introduction to Art; Grade Method: REG/P-F/AUD. CORE Distributive Studies Arts Course. USP Distributive Studies Area C Course. — 3 credits
0101 MW.....12:00pm-12:50pm (ASV 2203) Burnham, J
M.....8:00am- 8:50am (ASV 3211) DIS
0102 MW.....12:00pm-12:50pm (ASV 2203) Burnham, J
M.....9:00am- 9:50am (ASV 3211) DIS

0103 MW.....12:00pm-12:50pm (ASY 2203) Burnham, J
W..... 9:00am- 9:50am (ASY 3217) DIS
0104 MW.....12:00pm-12:50pm (ASY 2203) Burnham, J
W.....10:00am-10:50am (ASY 3217) DIS
0105 MW.....12:00pm-12:50pm (ASY 2203) Burnham, J
F.....12:00pm-12:50pm (ASY 3217) DIS
0106 MW.....12:00pm-12:50pm (ASY 2203) Burnham, J
Tu.....8:00am- 8:50am (ASY 3219) DIS

ARTH200 Art of the Western World I; Grade Method: REG/P-F/AUD. CORE Distributive Studies Arts Course. USP Distributive Studies Area C Course. Formerly ARTH 260. — 3 credits
0101 MW.....9:00am- 9:50am (ASY 2203) Spiro, M
W.....11:00am-11:50am (ASY 3217) DIS
0102 MW.....9:00am- 9:50am (ASY 2203) Spiro, M
W.....12:00pm-12:50pm (ASY 3217) DIS
0103 MW.....9:00am- 9:50am (ASY 2203) Spiro, M
F.....8:00am- 8:50am (ASY 3217) DIS
0104 MW.....9:00am- 9:50am (ASY 2203) Spiro, M
F.....9:00am- 9:50am (ASY 3217) DIS
0105 MW.....9:00am- 9:50am (ASY 2203) Spiro, M
Th.....8:00am- 8:50am (ASY 3217) DIS
0106 MW.....9:00am- 9:50am (ASY 2203) Spiro, M
Th.....9:00am- 9:50am (ASY 3217) DIS

ARTH201 Art of the Western World II; Grade Method: REG/P-F/AUD. CORE Distributive Studies Arts Course. USP Distributive Studies Area C Course. Formerly ARTH 261. — 3 credits
0101 TuTh.....9:30am-10:20am (ASY 2203) Promey, S
M.....9:00am- 9:50am (ASY 3215) DIS
0102 TuTh.....9:30am-10:20am (ASY 2203) Promey, S
M.....10:00am-10:50am (ASY 3221) DIS
0103 TuTh.....9:30am-10:20am (ASY 2203) Promey, S
W.....9:00am- 9:50am (ASY 3215) DIS
0104 TuTh.....9:30am-10:20am (ASY 2203) Promey, S
W.....10:00am-10:50am (ASY 3221) DIS
0105 TuTh.....9:30am-10:20am (ASY 2203) Promey, S
Th.....8:00am- 8:50am (ASY 3219) DIS
0106 TuTh.....9:30am-10:20am (ASY 2203) Promey, S
Tu.....8:00am- 8:50am (ASY 3215) DIS
0201 MW.....11:00am-11:50am (ASY 2203) Ottesen, B
W.....8:00am- 8:50am (ASY 3211) DIS
0202 MW.....11:00am-11:50am (ASY 2203) Ottesen, B
W.....9:00am- 9:50am (ASY 3211) DIS
0203 MW.....11:00am-11:50am (ASY 2203) Ottesen, B
F.....8:00am- 8:50am (ASY 3211) DIS
0204 MW.....11:00am-11:50am (ASY 2203) Ottesen, B
F.....9:00am- 9:50am (ASY 3211) DIS
0205 MW.....11:00am-11:50am (ASY 2203) Ottesen, B
F.....10:00am-10:50am (ASY 3221) DIS
0206 MW.....11:00am-11:50am (ASY 2203) Ottesen, B
F.....11:00am-11:50am (ASY 3221) DIS

ARTH290 Art of Asia; Grade Method: REG/P-F/AUD. CORE Distributive Studies Arts Course. USP Distributive Studies Area C Course. Formerly ARTH 262. — 3 credits
0101 TuTh.....9:30am-10:20am (ASY 2309) Sandler, M
Th.....11:00am-11:50am (ASY 3221) DIS
0102 TuTh.....9:30am-10:20am (ASY 2309) Sandler, M
Tu.....8:00am- 8:50am (ASY 3211) DIS

ARTH386 (PermReq) Field Work; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: ARTH 387. — 1-3 credits

ARTH387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: ARTH 386. — 1-3 credits

ARTH402 Greek Art and Archaeology; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (ASY 3215) Venit, M

ARTH405 Late Roman and Early Christian Art; Grade Method: REG/P-F/AUD. Formerly ARTH 410. — 3 credits
0101 MWF.....11:00am-11:50am (ASY 3215) Spiro, M

ARTH420 Fourteenth and Fifteenth-Century Northern European Art; Grade Method: REG/P-F/AUD. Formerly ARTH 416. — 3 credits
0101 MWF.....12:00pm-12:50pm (ASY 3215) Caswell, J

ARTH430 Seventeenth-Century European Art; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....11:00am-12:15pm (ASY 3215) Colantuono, A

ARTH443 Eighteenth-Century European Art; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....9:30am-10:45am (ASY 3215) Pressly, W

ARTH446 Nineteenth-Century European Art from 1850; Grade Method: REG/P-F/AUD. Formerly ARTH 441. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (ASY 3215) Hargrove, J

ARTH455 Twentieth-Century Art to 1945; Grade Method: REG/P-F/AUD. Formerly ARTH 450. — 3 credits
0101 TuTh ... ..9:30am-10:45am (ASY 3211) Withers, J

ARTH475 Ancient Art of Africa; Grade Method: REG/P-F/AUD CORE Distributive Studies Cultural Diversity Course. Formerly ARTH 462. — 3 credits
0101 TuTh. ..12:30pm- 1:45pm (ASY 3211) Eyo, E

ARTH489A Special Topics in Art History: African Art; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....3:30pm- 4:45pm (ASY 3215) Eyo, E

ARTH489C (PermReq) Special Topics in Art History: History of American Architecture; Grade Method: REG/P-F/AUD Students should obtain permission from the architecture department. — 3 credits
0101 TuTh.....9:30am-10:45am (ARC 1105) Etlin, R

ARTH490 Chinese Painting; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....11:00am-12:15pm (ASY 3211) Kuo, J

ARTH498 (PermReq) Directed Studies in Art History I; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 2-3 credits

ARTH499 (PermReq) Directed Studies in Art History II; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 2-3 credits

ARTH608 (PermReq) Studies in Ancient Art and Archaeology; Grade Method: REG/AUD. — 3 credits
0101 Th.....4:00pm- 6:40pm (ASY 4304) Venit, M

ARTH618 Studies in Medieval Art; Grade Method: REG/AUD. — 3 credits
0101 W.....7:00pm- 9:40pm (ASY 4306) Denny, D

ARTH638 Studies in Seventeenth-Century Southern European Art; Grade Method: REG/AUD. — 3 credits
0101 Th.....7:00pm- 9:40pm (ASY 4306) Colantuono, A

ARTH639 (PermReq) Studies in Seventeenth-Century Northern European Art; Grade Method: REG/AUD. — 3 credits
0101 M.....4:00pm- 6:40pm (ASY 4306) Wheelock Jr., A

ARTH658 Studies in American Art; Grade Method: REG/AUD. — 3 credits
0101 Th.....7:00pm- 9:40pm (ASY 4304) Promey, S

ARTH659 Studies in Twentieth-Century Art; Grade Method: REG/AUD. — 3 credits
0101 Th.....1:00pm- 3:40pm (ASY 4304) Withers, J

ARTH692 Methods of Art History; Grade Method: REG/AUD. — 3 credits
0101 Tu.....7:00pm- 9:40pm (ASY 4304) Farquhar, J

ARTH748 (PermReq) Seminar in Eighteenth-Century European Art; Grade Method: REG/AUD. — 3 credits
0101 Tu.....4:00pm- 6:40pm (ASY 4304) Pressly, W

ARTH749 Seminar in Nineteenth-Century European Art; Grade Method: REG/AUD. — 3 credits
0101 Tu.....4:00pm- 6:40pm (ASY 4306) Hargrove, J

ARTH779 (PermReq) Seminar in Japanese Art; Grade Method: REG/AUD. — 3 credits
0101 Tu.....1:00pm- 3:40pm (ASY 4304) Sandler, M

ARTH789 (PermReq) Selected Topics in Art History: The Art and Writings of Marcel Duchamp; Grade Method: REG/AUD. — 3 credits
0101 W.....4:00pm- 6:40pm (ASY 4306) Burnham, J

ARTH798 Directed Graduate Studies in Art History; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

ARTH799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

ARTH899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

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ARTT Art Studio — (Arts and Humanities)

ARTT100 Elements of Two-Dimensional Form and Space; Grade Method: REG/P-F/AUD. Formerly ARTS 100. — 3 credits
0101 MW.....1:00pm- 3:00pm (ASY 2314) Krushenick, N
0301 MW.....3:00pm- 5:00pm (ASY 2314) Demonte, C
0401 MW.....3:00pm- 5:00pm (ASY 2318) Demonte, C
0501 TuTh.....9:30am-11:30am (ASY 2314) Coppin, K
0701 TuTh.....12:30pm- 2:30pm (ASY 2314) Lapinski, T
0801 TuTh.....12:30pm- 2:30pm (ASY 2318) Lapinski, T

ARTT110 Elements of Drawing I; Grade Method: REG/P-F/AUD. Formerly ARTS 110. — 3 credits
0101 MW.....9:30am-12:00pm (ASY 2317) LAB Humphrey, M
0301 MW.....12:30pm- 3:00pm (ASY 2317) LAB Niese, H
0401 MW.....12:30pm- 3:00pm (ASY 2321) LAB Niese, H
0501 TuTh.....9:00am-11:30am (ASY 2317) LAB Morrison, K
0601 TuTh.....9:00am-11:30am (ASY 2321) LAB Morrison, K
0701 TuTh.....12:30pm- 3:00pm (ASY 2317) LAB McCarty, J
0801 TuTh.....12:30pm- 3:00pm (ASY 2321) LAB McCarty, J

ARTT150 Introduction to Art Theory; Grade Method: REG/P-F/AUD. CORE Distributive Studies Arts Course. — 3 credits
0101 MW.....1:00pm- 1:50pm (ASY 2309) Klank, R
W.....10:00am-10:50am (ASY 1309) DIS
0102 MW.....1:00pm- 1:50pm (ASY 2309) Klank, R
W.....2:00pm- 2:50pm (ASY 1309) DIS
0103 MW.....1:00pm- 1:50pm (ASY 2309) Klank, R
F.....1:00pm- 1:50pm (ASY 1309) DIS

ARTT200 Elements of Three-Dimensional Form and Space; Grade Method: REG/P-F/AUD. Prerequisite: ARTT 100. Formerly ARTS 200. — 3 credits
0101 TuTh.....3:00pm- 5:00pm (ASY 2318) LAB McCarty, J

ARTT208A (PermReq) Design: Design with a Camera; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....12:30pm- 3:00pm (ASY M1328) LAB Coppin, K
0201 TuTh.....3:00pm- 5:30pm (ASY M1328) LAB Coppin, K

ARTT210 Elements of Drawing II; Grade Method: REG/P-F/AUD. Prerequisite: ARTT 110. Formerly ARTS 210. — 3 credits
0101 MW.....3:00pm- 5:30pm (ASY 2317) LAB Gelman, E
0201 MW.....12:30pm- 3:00pm (ASY 2315) LAB Driskell, D
0301 TuTh.....9:00am-11:30am (ASY 2315) LAB Craig, P
0401 TuTh.....12:30pm- 3:00pm (ASY 2322) LAB Richardson, W

ARTT320 Elements of Painting; Grade Method: REG/P-F/AUD. Prerequisite: ARTT 210. Formerly ARTS 320. — 3 credits
0101 MW.....9:00am-11:30am (ASY 3312) LAB Klank, R
0201 MW.....12:30pm- 3:00pm (ASY 3312) LAB Gelman, E
0401 TuTh.....12:00pm- 2:30pm (ASY 3312) LAB Craig, P
0501 TuTh.....3:00pm- 5:30pm (ASY 3316) LAB Craig, P

ARTT331 Elements of Sculpture: Steel; Grade Method: REG/P-F/AUD. Prerequisites: ARTT 200; and ARTT 210. — 3 credits
0101 MW.....3:00pm- 5:30pm (ASY 1314) Ruppert, J

ARTT332 Elements of Sculpture: Stone; Grade Method: REG/P-F/AUD. Prerequisites: ARTT 200; and ARTT 210. Formerly ARTT 335. — 3 credits
0101 TuTh.....5:30pm- 8:00pm (ASY 1314) McCarty, J

ARTT333 Elements of Sculpture: Wood and Mixed Media; Grade Method: REG/P-F/AUD. Prerequisites: ARTT 200; and ARTT 210. — 3 credits
0101 TuTh.....12:30pm- 3:00pm (ASY 1311) LAB Blotner, P

ARTT341 Elements of Printmaking: Woodcut and Relief; Grade Method: REG/P-F/AUD. Prerequisite: ARTT 210. Formerly ARTS 341. — 3 credits
0101 TuTh.....12:00pm- 2:30pm (ASY 1317) Forbes Jr., J

ARTT344 Elements of Printmaking: Lithography; Grade Method: REG/P-F/AUD. Prerequisite: ARTT 210. Formerly ARTS 344. — 3 credits
0101 MW.....12:30pm- 3:00pm (ASY 1317) LAB Humphrey, M

ARTT386 (PermReq) Field Work; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: ARTT 387. — 1-3 credits

ARTT387 (PermReq) Field Work Analysis; Grade Method REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: ARTT 386. — 1-3 credits

ARTT418 Drawing: Advanced Drawing, Grade Method: REG/P-F/AUD. — 3 credits
0201 TuTh.....9:00am-11:30am (ASY 2322) LAB Blotner, P
0301 TuTh..... 3:30pm 6:00pm (ASY 2322) LAB Forbes Jr., J

ARTT418B Drawing: A Contemporary Approach o Drawing; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....12:30pm- 3:00pm (ASY 2315) LAB Kehoe, P

ARTT418C Drawing: Works on Paper/Water Based Media; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....9:00am-11:30am (ASY 3306) Lapinski, T

ARTT428 Painting: Advanced Painting; Grade Method: REG/P-F/AUD. Section 0201 emphasizes arylic paint. — 3 credits
0101 MW.....9:00am-11:30am (ASY 3316) LAB Klank, R
0201 MW.....3:00pm- 5:30pm (ASY 3322) LAB Krushenick, N
0301 TuTh.....9:00am-11:30am (ASY 3318) LAB Richardson, W
0401 TuTh.....3:00pm- 5:30pm (ASY 3322) LAB Kehoe, P

ARTT438A (PermReq) Sculpture: Metal Casting; Grade Method: REG/P-F/AUD. — 3 credits
0101 MW.....12:30pm- 3:00pm (ASY 1310) Ruppert, J

ARTT438B Sculpture: Advanced Stone Sculpture; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....5:30pm- 8:00pm (ASY 1314) McCarty J

ARTT438C Sculpture: Advanced Steel Sculpture; Grade Method: REG/P-F/AUD. — 3 credits
0101 MW.....3:00pm- 5:30pm (ASY 1314) LAB Ruppert, J

ARTT448A Printmaking: Advanced Intaglio Grade Method: REG/P-F/AUD. — 3 credits
0101 MW.....9:00am-11:30am (ASY 1317) LAB Pogue, S

ARTT462 Artist's Survival Seminar; Grade Method: REG/P-F/AUD. Prerequisite: senior standing or permission of department. — 3 credits
0101 Th.....12:30pm- 3:00pm (ASY 3304) Demonte, C

ARTT468 Seminar on the Interrelationships between Art and Art Theory; Grade Method: REG/P-F/AUD. — 3 credits
0101 F.....9:00am-11:30am (ASY 2322) Truitt, A

ARTT478 Papermaking; Grade Method: REG/P-F/AUD. — 3 credits
0101 MW.....12:30pm- 3:00pm (ASY 3308) LAB Pogue, S

ARTT489C Special Problems in Studio Arts: Methods and Materials of the Artist; Grade Method: REG/P-F/AUD. — 3 credits
0101 MW.....3:00pm- 4:15pm (ASY 3304) Driskell, D

ARTT498 (PermReq) Directed Studies in Studio Art; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Scheduled for specific days/times with approval of department head. Not available as an elective. — 2-3 credits

ARTT610 Drawing; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Formerly ARTS 610. — 3 credits

ARTT620 Painting; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Formerly ARTS 620. — 3 credits

ARTT634 Experimentation in Sculpture; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Formerly ARTS 634. — 3 credits

ARTT646 Printmaking; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Formerly ARTS 646. — 3 credits

ARTT689A Special Problems in Studio Art: Seminar on Interrelationship between Art and Art Theory; Grade Method: REG/AUD. — 3 credits
0101 F .....9:00am-11:30am (ASY 2322) Truitt, A

ARTT689B Special Problems in Studio Art: Artist's Survival Seminar; Grade Method: REG/AUD. — 3 credits
0101 Th.....12:30pm- 3:00pm (ASY 3304) Demonte, C

ARTT698 (PermReq) Directed Graduate Studies in Studio Art; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Scheduled for specific days/times with approval of department head. — 3 credits

ARTT798 (PermReq) Directed Graduate Studies in Studio Art; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Scheduled for specific days/times with approval of department head. — 3 credits

ARTT799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

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ASTR Astronomy — (Comp, Math, & Phys Sci)

ASTR100 Introduction to Astronomy; Grade Method: REG/P-F/AUD. Credit for ASTR 100 cannot be obtained after, or simultaneously with, receiving credit for any astronomy course numbered 150 or higher. CORE Distributive Studies Physical Science Laboratory Course only when taken concurrently with ASTR 110 or ASTR 111. USP Distributive Studies Area B Course. If ASTR 110 or ASTR 111 are taken at the same or at a later time, the combination may be counted as USP Area B lab science requirement. Discussion sections do not meet the first week. Attend lecture before coming to discussion section. — 3 credits
0101 TuTh.....9:30am-10:45am (PHY 1412) Verschuur, G
M.....9:00am- 9:50am (CSS 1113) DIS
0102 TuTh.....9:30am-10:45am (PHY 1412) Verschuur, G
Tu.....3:00pm- 3:50pm (CSS 1113) DIS
0103 TuTh.....9:30am-10:45am (PHY 1412) Verschuur, G
Tu.....4:00pm- 4:50pm (CSS 1113) DIS
0104 TuTh.....9:30am-10:45am (PHY 1412) Verschuur, G
W.....9:00am- 9:50am (CSS 1113) DIS
0105 TuTh.....9:30am-10:45am (PHY 1412) Verschuur, G
W.....1:00pm- 1:50pm (CSS 1113) DIS
0106 TuTh.....9:30am-10:45am (PHY 1412) Verschuur, G
F.....11:00am-11:50am (CSS 1113) DIS
0107 TuTh.....9:30am-10:45am (PHY 1412) Verschuur, G
F.....12:00pm-12:50pm (CSS 1113) DIS
0108 TuTh.....9:30am-10:45am (PHY 1412) Verschuur, G
F.....1:00pm- 1:50pm (CSS 1113) DIS

ASTR101 General Astronomy; Grade Method: REG/P-F/AUD. CORE Distributive Studies Physical Science Laboratory Course. Not open to students who have completed ASTR 100 or any astronomy course numbered higher than 100. — 4 credits
0101 TuTh.....11:00am-12:15pm (PHY 1412) Wentzel, D
W.....8:00am-10:00am (CSS 1109) LAB
Tu.....2:00pm- 2:50pm (CSS 1113) DIS
0102 TuTh.....11:00am-12:15pm (PHY 1412) Wentzel, D
W.....10:30am-12:30pm (CSS 1109) LAB
Tu.....2:00pm- 2:50pm (CSS 1113) DIS
0103 TuTh.....11:00am-12:15pm (PHY 1412) Wentzel, D
W.....3:30pm- 5:30pm (CSS 1109) LAB
W.....11:00am-11:50am (CSS 1113) DIS
0104 TuTh.....11:00am-12:15pm (PHY 1412) Wentzel, D
W.....6:00pm- 8:00pm (CSS 1109) LAB
W.....11:00am-11:50am (CSS 1113) DIS
0105 TuTh.....11:00am-12:15pm (PHY 1412) Wentzel, D
W..... .1:00pm- 3:00pm (CSS 1109) LAB
W.....12:00pm-12:50pm (CSS 1113) DIS
0106 TuTh.....11:00am-12:15pm (PHY 1412) Wentzel, D
Th.....1:00pm- 3:00pm (CSS 1109) LAB
W.....12:00pm-12:50pm (CSS 1113) DIS
0107 TuTh.....11:00am-12:15pm (PHY 1412) Wentzel, D
Th.....3:30pm- 5:30pm (CSS 1109) LAB
Th.....2:00pm- 2:50pm (CSS 1113) DIS
0108 TuTh..... 11:00am-12:15pm (PHY 1412) Wentzel, D
F..... .1:00pm- 3:00pm (CSS 1109) LAB
Th.....2:00pm- 2:50pm (CSS 1113) DIS
0109 TuTh .. ..11:00am-12:15pm (PHY 1412) Wentzel, D
Th ..6:00pm- 8:00pm (CSS 1109) LAB
Th.....3:00pm- 3:50pm (CSS 1113) DIS
0110 TuTh.....11:00am-12:15pm (PHY 1412) Wentzel, D
F.....8:00am-10:00am (CSS 1109) LAB
Th.....3:00pm- 3:50pm (CSS 1113) DIS
0111 TuTh.....11:00am-12:15pm (PHY 1412) Wentzel, D
F.. ...10:30am-12:30pm (CSS 1109) LAB
F.....9:00am- 9:50am (CSS 1113) DIS
0112 TuTh.....11:00am-12:15pm (PHY 1412) Wentzel, D
F.....3:30pm- 5:30pm (CSS 1109) LAB
F.....9:00am- 9:50am (CSS 1113) DIS
0201 MWF.....9:00am- 9:50am (PHY 1412) Deming, G
Tu.....10:30am-12:30pm (CSS 1109) LAB
M.....11:00am-11:50am (CSS 1113) DIS
0202 MWF.....9:00am- 9:50am (PHY 1412) Deming, G
Tu.....1:00pm- 3:00pm (CSS 1109) LAB
M.....11:00am-11:50am (CSS 1113) DIS
0203 MWF.....9:00am- 9:50am (PHY 1412) Deming, G
M.....1:00pm- 3:00pm (CSS 1109) LAB
M.....12:00pm-12:50pm (CSS 1113) DIS
0204 MWF.....9:00am- 9:50am (PHY 1412) Deming, G
M.....6:00pm- 8:00pm (CSS 1109) LAB
M.....12:00pm-12:50pm (CSS 1113) DIS
0205 MWF.....9:00am- 9:50am (PHY 1412) Deming, G
M.....3:30pm- 5:30pm (CSS 1109) LAB
M.....1:00pm- 1:50pm (CSS 1113) DIS
0206 MWF.....9:00am- 9:50am (PHY 1412) Deming, G
Tu.....6:00pm- 8:00pm (CSS 1109) LAB
M.....1:00pm- 1:50pm (CSS 1113) DIS
0207 MWF.....9:00am- 9:50am (PHY 1412) Deming, G
Tu.....8:00am-10:00am (CSS 1109) LAB
M.....3:00pm- 3:50pm (CSS 1113) DIS
0208 MWF.....9:00am- 9:50am (PHY 1412) Deming, G
Tu.....3:30pm- 5:30pm (CSS 1109) LAB
M.....3:00pm- 3:50pm (CSS 1113) DIS
0209 MWF.....9:00am- 9:50am (PHY 1412) Deming, G
Th.....10:30am-12:30pm (CSS 1109) LAB
W.....3:00pm- 3:50pm (CSS 1113) DIS
0210 MWF.....9:00am- 9:50am (PHY 1412) Deming, G
Th.....8:00am-10:00am (CSS 1109) LAB
W.....3:00pm- 3:50pm (CSS 1113) DIS

ASTR110 Astronomy Laboratory; Grade Method: REG/P-F/AUD. Pre- or corequisite: ASTR 100. CORE Distributive Studies Physical Science Laboratory Course only when taken concurrently with ASTR 100. Labs do not meet first week of classes. — 1 credit
0101 M.....8:00am-10:00am (CSS 1109) LAB STAFF
0102 M.....10:30am-12:30pm (CSS 1109) LAB STAFF
0103 Sa.....10:00am-12:00pm (CSS 1109) LAB STAFF

ASTR111 Observational Astronomy Laboratory; Grade Method: REG/P-F/AUD. Corequisite: ASTR 100. CORE Distributive Studies Physical Science Laboratory Course only when taken concurrently with ASTR 100. First meeting is in CSS 0201 during the first week of classes. — 1 credit
0101 Tu.....7:30pm- 9:30pm (ALB 1101) LAB STAFF
0201 W.....7:30pm- 9:30pm (ALB 1101) LAB STAFF

ASTR200 Introductory Astronomy and Astrophysics; Grade Method: REG/P-F/AUD. CORE Distributive Studies Physical Science Course. Prerequisite: PHYS 161 or PHYS 171. Credit will be granted for only one of the following: ASTR 100 or ASTR 200. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (CSS 2352) Vogel, S

ASTR288 (PermReq) Special Projects in Astronomy; Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. A faculty sponsor must be found by the students wishing to enroll in this course. — 1-3 credits

ASTR300 Stars and Stellar Systems; Grade Method: — 3 credits

REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course. Prerequisite: ASTR 100 and completion of University Studies requirement in the natural sciences or permission of department. Designed primarily for non-physical science majors. Junior standing.
0101 TuTh..... 12:30pm- 1:45pm (CSS 1113) Rose, W

ASTR330 Solar-System Astronomy; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course. Prerequisite: ASTR 100 and completion of University Studies requirement in the natural science or permission of department. Designed primarily for non-physical science majors. Junior standing. 3 credits
0101 MWF.....10:00am-10:50am (CSS 1113) Grayzeck Jr., E

ASTR340 Galaxies and the Universe; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course. Prerequisite: ASTR 100 and completion of University Studies requirement in the natural science or permission of department. Designed primarily for non-physical science majors. Junior standing. 3 credits
0101 TuTh.....9:30am-10:45am (CSS 1113) Deming, G

ASTR350 Astronomy and Astrophysics; Grade Method: REG/P-F/AUD. USP Distributive Studies Area B Course. Prerequisites: ASTR 200 and (PHYS 272 or PHYS 262 or PHYS 142) or permission of department. Corequisite: PHYS 293 or PHYS 263. For science majors. 4 credits
0101 TuTh.....11:00am-12:15pm (CSS 0201) A'Hearn, M
W.....10:00am-10:50am (CSS 0201) DIS

ASTR380 Life in the Universe; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course. Prerequisite: ASTR 100 and completion of University Studies requirement in the natural science or permission of department. Designed primarily for non-science majors. Junior standing. 3 credits
0101 TuTh.....11:00am-12:15pm (CSS 1113) Theison, D
0201 MWF.....2:00pm- 2:50pm (CSS 1113) Theison, D

ASTR398O Special Topics in Astronomy: Optical Observing; Grade Method: REG/P-F/AUD. Observational project and evening work at Observator required. 3 credits
(PermReq)
0101 MWF.....9:00am- 9:50am (CSS 0201) Zipoy, D

ASTR399 Honors Seminar; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-16 credits

ASTR430 The Solar System; Grade Method: REG/P-F/AUD. Prerequisite: MATH 246 and either PHYS 263 or PHYS 273, or permission of department. 3 credits
0101 TuTh.....9:30am-10:45am (CSS 0201) Trimble, V

ASTR440 Introduction to Extra-Galactic Astronomy; Grade Method: REG/P-F/AUD. Prerequisite: PHYS 272 and ASTR 350 or equivalent, or permission of department. 3 credits
0101 MW.....11:00am-12:15pm (CSS 0201) Kundu, M

ASTR498 Special Problems in Astronomy; Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. This course is open only to those who make prior arrangements with a member of the astronomy faculty. 1-6 credits
(PermReq)

ASTR610 Astronomical Instrumentation and Techniques; Grade Method: REG/AUD. Prerequisite: PHYS 405 or permission of department. 3 credits
0101 TuTh.....2:00pm- 3:15pm (CSS 0201) Wilson, A

ASTR670 Interstellar Matter; Grade Method: REG/AUD. Prerequisite: PHYS 422 or permission of department. 3 credits
0101 WF.....1:00pm- 2:15pm (CSS 0201) Harrington, J

ASTR688C Special Topics in Modern Astronomy: Cosmology; Grade Method: REG/AUD. 3 credits
0101 TuTh.....8:00am- 9:15am (CSS 0201) Trimble, V

ASTR699 Special Problems in Advanced Astronomy; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits
(PermReq)

ASTR788 Selected Topics in Modern Astronomy; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits
(PermReq)

ASTR799 Master's Thesis Research; Grade Method REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

ASTR899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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BCHM Biochemistry (Life Sciences)

BCHM361 Origins of Biochemistry; Grade Method: REG/P-F/AUD. CORE Advanced Studies Development of Knowledge Course. USP Advanced Studies Development of Knowledge Course. Prerequisite: any distributive studies course in chemistry or any of the biological sciences. 3 credits
0101 TuTh.....9:30am-10:45am (CHM 0115) Holmlund, C

BCHM461 Biochemistry I; Grade Method: REG/P-F/AUD. Prerequisite: CHEM 243 or CHEM 245. 3 credits
0101 TuTh.....9:30am-10:45am (CHM 1407) Woodson, S
0102 TuTh.....9:30am-10:45am (MCB 1207) Armstrong, R

BCHM462 Biochemistry II; Grade Method: REG/P-F/AUD. Prerequisite: BCHM 461. 3 credits
0101 TuTh..... ..9:30am-10:45am (CHM 1402) Sampugna, J

BCHM464 Biochemistry Laboratory; Grade Method: REG/P-F/AUD. Corequisite: BCHM 462. 2 credits
0101 TuTh.....1:00pm- 4:00pm (CHM 2225) LAB Sampugna, J

BCHM465 Biochemistry III; Grade Method: REG/P-F/AUD. Prerequisite: BCHM 462. 3 credits
0101 TuTh.....8:00am- 9:15am (CHM 0119) Hansen, J

BCHM671 Protein Chemistry and Enzymic Catalysis; Grade Method: REG/AUD. 3 credits
0101 TuTh.....9:30am-10:45am (CHM 2201) Dunaway-Mariano

BCHM674 Nucleic Acids; Grade Method: REG/AUD. 3 credits
0101 TuTh.....8:00am- 9:15am (CHM 2201) Julin, D

BCHM699 Special Problems in Biochemistry; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Open only to non-thesis M.S. degree candidates. 1-6 credits

BCHM799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

BCHM898A Seminar: Biochemistry; Grade Method: REG/AUD. 1 credit
0101 Tu.....11:00am-11:50am (CHM 0128) Dunaway-Mariano

BCHM898B Seminar: Bioorganic Chemistry; Grade Method: REG/AUD. 1 credit
0101 Time and room to be arranged Armstrong, R

BCHM898C Seminar: Lipid Metabolism, Grade Method: REG/AUD. 1 credit
0101 Time and room to be arranged Sampugna, J

BCHM898D Seminar: Enzymology Recombination; Grade Method: REG/AUD. 1 credit
0101 Time and room to be arranged Julin, D

BCHM898E Seminar: Catalytic RNA; Grade Method: REG/AUD. 1 credit
0101 Time and room to be arranged Woodson, S

BCHM898F Seminar: Spores; Grade Method: REG/AUD. 1 credit
0101 Time and room to be arranged Hansen, J

BCHM898G Seminar: Enzymology; Grade Method: REG/AUD. 1 credit
0101 Time and room to be arranged Dunaway-Mariano

BCHM898J Seminar: Mechanisms of Biochemical Reactions; Grade Method: REG/AUD 1 credit
0101 Time and room to be arranged Gerlt, J

BCHM899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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BIOL Biology (Life Sciences)

Note: Additional biology courses may be found under these course headings: BOTN, ENTM, MICB and ZOOL.

BIOL101 Concepts of Biology; Grade Method: REG/P-F/AUD. CORE Distributive Studies Life Sciences Laboratory Course only when taken concurrently with BIOL 102. USP Distributive Studies Area B Course. If taken with BIOL 102, course may be counted as USP Area B lab science requirement. For non-science majors. 3 credits
1101 MWF.....12:00pm-12:50pm (HJP 0226) Motta, J

BIOL102 Laboratory in Biology; Grade Method: REG/P-F/AUD. Pre- or corequisite: BIOL 101. For non-science majors. CORE Distributive Studies Life Sciences Laboratory Course only when taken concurrently with BIOL 101. 1 credit
2017 M.....1:00pm- 4:00pm (ZOP 0213) LAB STAFF
2021 Tu.....8:00am-11:00am (ZOP 0213) LAB STAFF
2024 Tu.....11:00am- 2:00pm (ZOP 0213) LAB STAFF
2027 Tu.....2:00pm- 5:00pm (ZOP 0213) LAB STAFF
2031 W.....9:00am-12:00pm (ZOP 0213) LAB STAFF
2039 W.....1:00pm- 4:00pm (ZOP 0213) LAB STAFF
2041 Th.....8:00am-11:00am (ZOP 0213) LAB STAFF
2042 Th.....2:00pm- 5:00pm (ZOP 0213) LAB STAFF
2044 Th.....11:00am- 2:00pm (ZOP 0213) LAB STAFF
2051 F.....8:00am-11:00am (ZOP 0213) LAB STAFF

BIOL105 Principles of Biology I; Grade Method: REG/P-F/AUD. CORE Distributive Studies Life Science Laboratory Course. USP Distributive Studies Area B Course. For science majors. Credit will be granted for only one of the following: BIOL 101, BOTN 101, ZOOL 101, BIOL 105. 4 credits
5115 MWF.....10:00am-10:50am (ZOP 1240) Popper, A
M.....11:00am- 2:00pm (HJP 2104) LAB
5117 MWF.....10:00am-10:50am (ZOP 1240) Popper, A
M.....2:00pm- 5:00pm (HJP 2104) LAB
5119 MWF.....10:00am-10:50am (ZOP 1240) Popper, A
M.....5:00pm- 8:00pm (HJP 2104) LAB
5121 MWF.....10:00am-10:50am (ZOP 1240) Popper, A
Tu.....8:00am-11:00am (HJP 2104) LAB
5122 MWF.....10:00am-10:50am (ZOP 1240) Popper, A
Tu.....8:00am-11:00am (HJP 2103) LAB
5124 MWF.....10:00am-10:50am (ZOP 1240) Popper, A
Tu.....11:00am- 2:00pm (HJP 2103) LAB
5125 MWF.....10:00am-10:50am (ZOP 1240) Popper, A
Tu.....11:00am- 2:00pm (HJP 2104) LAB
5129 MWF.....10:00am-10:50am (ZOP 1240) Popper, A
Tu.....5:00pm- 8:00pm (HJP 2104) LAB
5135 MWF.....10:00am-10:50am (ZOP 1240) Popper, A
W.....11:00am- 2:00pm (HJP 2104) LAB
5137 MWF.....10:00am-10:50am (ZOP 1240) Popper, A
W.....2:00pm- 5:00pm (HJP 2104) LAB
5139 MWF.....10:00am-10:50am (ZOP 1240) Popper, A
W.....5:00pm- 8:00pm (HJP 2104) LAB
5141 MWF.....10:00am-10:50am (ZOP 1240) Popper, A
Th.....8:00am-11:00am (HJP 2104) LAB
5142 MWF.....10:00am-10:50am (ZOP 1240) Popper, A
Th.....8:00am-11:00am (HJP 2103) LAB
5144 MWF.....10:00am-10:50am (ZOP 1240) Popper, A
Th.....11:00am- 2:00pm (HJP 2103) LAB

5145 MWF.....10:00am-10:50am (ZOP 1240) Popper, A
Th.....11:00am- 2:00pm (HJP 2104) LAB
5149 MWF.....10:00am-10:50am (ZOP 1240) Popper, A
Th.....5:00pm- 8:00pm (HJP 2104) LAB
5155 MWF.....10:00am-10:50am (ZOP 1240) Popper, A
F.....11:00am- 2:00pm (HJP 2104) LAB
5214 MWF.....11:00am-11:50am (ZOP 1240) Racusen, R
M.....12:00pm- 3:00pm (HJP 2103) LAB
5218 MWF.....11:00am-11:50am (ZOP 1240) Racusen, R
M.....3:00pm- 6:00pm (HJP 2103) LAB
5219 MWF.....11:00am-11:50am (ZOP 1240) Racusen, R
M.....6:00pm- 9:00pm (HJP 2103) LAB
5227 MWF.....11:00am-11:50am (ZOP 1240) Racusen, R
Tu.....2:00pm- 5:00pm (HJP 2104) LAB
5228 MWF.....11:00am-11:50am (ZOP 1240) Racusen, R
Tu.....2:00pm- 5:00pm (HJP 2103) LAB
5229 MWF.....11:00am-11:50am (ZOP 1240) Racusen, R
Tu.....5:00pm- 8:00pm (ZOP 0249) LAB
5231 MWF.....11:00am-11:50am (ZOP 1240) Racusen, R
W.....8:00am-11:00am (HJP 2104) LAB
5232 MWF.....11:00am-11:50am (ZOP 1240) Racusen, R
W.....8:00am-11:00am (HJP 2103) LAB
5234 MWF.....11:00am-11:50am (ZOP 1240) Racusen, R
W.....12:00pm- 3:00pm (HJP 2103) LAB
5238 MWF.....11:00am-11:50am (ZOP 1240) Racusen, R
W.....3:00pm- 6:00pm (HJP 2103) LAB
5239 MWF.....11:00am-11:50am (ZOP 1240) Racusen, R
W.....6:00pm- 9:00pm (HJP 2103) LAB
5247 MWF.....11:00am-11:50am (ZOP 1240) Racusen, R
Th.....2:00pm- 5:00pm (HJP 2104) LAB
5248 MWF.....11:00am-11:50am (ZOP 1240) Racusen, R
Th.....2:00pm- 5:00pm (HJP 2103) LAB
5249 MWF.....11:00am-11:50am (ZOP 1240) Racusen, R
Th.....5:00pm- 8:00pm (HJP 2103) LAB
5251 MWF.....11:00am-11:50am (ZOP 1240) Racusen, R
F.....8:00am-11:00am (HJP 2104) LAB
5252 MWF.....11:00am-11:50am (ZOP 1240) Racusen, R
F.....8:00am-11:00am (HJP 2103) LAB
5254 MWF.....11:00am-11:50am (ZOP 1240) Racusen, R
F.....12:00pm- 3:00pm (HJP 2103) LAB
5315 MWF.....2:00pm- 2:50pm (HJP 0226) Olek, A
M.....11:00am- 2:00pm (ZOP 0207) LAB
5319 MWF.....2:00pm- 2:50pm (HJP 0226) Olek, A
M.....3:00pm- 6:00pm (ZOP 0207) LAB
5321 MWF.....2:00pm- 2:50pm (HJP 0226) Olek, A
Tu.....8:00am-11:00am (ZOP 0207) LAB
5325 MWF.....2:00pm- 2:50pm (HJP 0226) Olek, A
Tu.....11:00am- 2:00pm (ZOP 0207) LAB
5327 MWF.....2:00pm- 2:50pm (HJP 0226) Olek, A
Tu.....2:00pm- 5:00pm (ZOP 0207) LAB
5331 MWF.....2:00pm- 2:50pm (HJP 0226) Olek, A
W.....8:00am-11:00am (ZOP 0207) LAB
5335 MWF.....2:00pm- 2:50pm (HJP 0226) Olek, A
W.....11:00am- 2:00pm (ZOP 0207) LAB
5339 MWF.....2:00pm- 2:50pm (HJP 0226) Olek, A
W.....3:00pm- 6:00pm (ZOP 0207) LAB
5341 MWF.....2:00pm- 2:50pm (HJP 0226) Olek, A
Th.....8:00am-11:00am (ZOP 0207) LAB
5345 MWF.....2:00pm- 2:50pm (HJP 0226) Olek, A
Th.....11:00am- 2:00pm (ZOP 0207) LAB
5347 MWF.....2:00pm- 2:50pm (HJP 0226) Olek, A
Th.....2:00pm- 5:00pm (ZOP 0207) LAB
5351 MWF.....2:00pm- 2:50pm (HJP 0226) Olek, A
F.....8:00am-11:00am (ZOP 0207) LAB
5355 MWF.....2:00pm- 2:50pm (HJP 0226) Olek, A
F.....11:00am- 2:00pm (ZOP 0207) LAB granted

BIOL106 Principles of Biology II; Grade Method: REG/P-F/AUD. CORE Distributive Studies Life Science Laboratory Course. USP Distributive Studies Area B Course. Prerequisite: BIOL 105. For science majors. 4 credits
6116 MWF.....11:00am-11:50am (HJP 0226) Fenster, C
M.....12:00pm- 3:00pm (ZOP 0245) LAB
6119 MWF.....11:00am-11:50am (HJP 0226) Fenster, C
M.....3:00pm- 6:00pm (ZOP 0245) LAB
6121 MWF.....11:00am-11:50am (HJP 0226) Fenster, C
Tu.....8:00am-11:00am (ZOP 0245) LAB
6124 MWF.....11:00am-11:50am (HJP 0226) Fenster, C
Tu.....11:00am- 2:00pm (ZOP 0245) LAB
6127 MWF.....11:00am-11:50am (HJP 0226) Fenster, C
Tu.....2:00pm- 5:00pm (ZOP 0245) LAB
6131 MWF.....11:00am-11:50am (HJP 0226) Fenster, C
W.....8:00am-11:00am (ZOP 0245) LAB
6136 MWF.....11:00am-11:50am (HJP 0226) Fenster, C
W.....12:00pm- 3:00pm (ZOP 0245) LAB
6139 MWF.....11:00am-11:50am (HJP 0226) Fenster, C
W.....3:00pm- 6:00pm (ZOP 0245) LAB
6141 MWF.....11:00am-11:50am (HJP 0226) Fenster, C
Th.....8:00am-11:00am (ZOP 0245) LAB
6144 MWF.....11:00am-11:50am (HJP 0226) Fenster, C
Th.....11:00am- 2:00pm (ZOP 0245) LAB
6147 MWF.....11:00am-11:50am (HJP 0226) Fenster, C
Th.....2:00pm- 5:00pm (ZOP 0245) LAB
6151 MWF.....11:00am-11:50am (HJP 0226) Fenster, C
F.....8:00am-11:00am (ZOP 0245) LAB

BIOL398 Honors Research Problems in Biology; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. Contact L. Berg (1225 H.J.Patterson) to obtain section number. 1-3 credits
(PermReq)

BIOL399 Honors Seminar in Biology; Grade Method: REG. 1 credit
(PermReq)
0101 F.....10:00am-10:50am (HJP 1229) Berg, L

BIOM Biometrics (Agriculture)

BIOM401 Biostatistics I; Grade Method: REG/P-F/AUD. Prerequisite: BIOM 301. 4 credits
0101 TuTh.....12:30pm- 1:45pm (CHE 2110) Douglass, L
W.....2:00pm- 4:00pm (CHE 2118) DIS
0102 TuTh.....12:30pm- 1:45pm (CHE 2110) Douglass, L
Tu.....2:00pm- 4:00pm (CHM 0119) DIS
0103 TuTh.....12:30pm- 1:45pm (CHE 2110) Douglass, L
W.....12:00pm- 2:00pm (CHM 0124) DIS

BIOM405 Computer Applications in Biometrics; Grade Method: REG/P-F/AUD. Corequisite: BIOM 401. 1 credit
0101 F.....11:00am- 1:00pm (HJP 1104) LAB Jacobs, D

BIOM603 Biostatistics III; Grade Method: REG/AUD. Corequisite: BIOM 602; and BIOM 405 or equivalent. 3 credits
0101 TuTh.....2:00pm- 3:15pm (CSS 2352) Russek-Cohen, E

BIOM604 Linear Models Computer Laboratory; Grade Method: REG/AUD. Corequisite: BIOM 603. Prerequisite: BIOM 405. 1 credit
0101 Th.....9:00am-11:00am (ANS 0473) LAB Russek-Cohen, E

BIOM688A Topics in Biometrics: Consulting Experience in Biometrics; Grade Method: REG/AUD. 1-3 credits
(PermReq)
0101 Time and room to be arranged Douglass, L

BIOM698 Special Problems in Biometrics; Grade Method: REG. 1 credit
0101 Time and room to be arranged Douglass, L

BMGT Business and Management (Business and Management)

BMGT110 Introduction to Business and Management; Grade Method: REG/P-F/AUD. Not open to BMGT students who have completed 56 or more credit hours. All others may take it anytime. 3 credits
0101 TuTh.....3:30pm- 4:45pm (TYD 0130) Nickels, W

BMGT220 Principles of Accounting I; Grade Method: REG. Sophomore standing. Where a BMGT exam conflicts with another regularly scheduled class, the student will be provided a make-up exam. 3 credits
0101 MW.....5:00pm- 6:15pm (TYD 0130) Hardy, K
M.....8:00am- 8:50am (TYD 2110) DIS
0102 MW.....5:00pm- 6:15pm (TYD 0130) Hardy, K
M.....9:00am- 9:50am (DNC 1147A) DIS
0103 MW.....5:00pm- 6:15pm (TYD 0130) Hardy, K
M.....10:00am-10:50am (DNC 1147A) DIS
0104 MW.....5:00pm- 6:15pm (TYD 0130) Hardy, K
Th.....8:00am- 8:50am (TYD 2110) DIS
0105 MW.....5:00pm- 6:15pm (TYD 0130) Hardy, K
Th.....9:00am- 9:50am (DNC 1147A) DIS
0106 MW.....5:00pm- 6:15pm (TYD 0130) Hardy, K
Th.....10:00am-10:50am (DNC 1147A) DIS
0107 MW.....5:00pm- 6:15pm (TYD 0130) Hardy, K
Th.....11:00am-11:50am (DNC 1147A) DIS
0108 MW.....5:00pm- 6:15pm (TYD 0130) Hardy, K
Th.....12:00pm-12:50pm (DNC 1147A) DIS

0109 MW.....5:00pm- 6:15pm (TYD 0130) Hardy, K
Th.....1:00pm- 1:50pm (DNC 1147A) DIS
0110 MW.....5:00pm- 6:15pm (TYD 0130) Hardy, K
Th.....2:00pm- 2:50pm (DNC 1147A) DIS
0111 MW.....5:00pm- 6:15pm (TYD 0130) Hardy, K
Th.....3:00pm- 3:50pm (DNC 1147A) DIS
0112 MW.....5:00pm- 6:15pm (TYD 0130) Hardy, K
Th.....4:00pm- 4:50pm (TYD 1114) DIS
0201 TuTh.....9:30am-10:45am (TYD 0130) Rymer, V
F.....8:00am- 8:50am (TYD 1140) DIS
0202 TuTh..... 9:30am-10:45am (TYD 0130) Rymer, V
F.....9:00am- 9:50am (TYD 1140) DIS
0203 TuTh..... 9:30am-10:45am (TYD 0130) Rymer, V
F.....9:00am- 9:50am (DNC 1147A) DIS
0204 TuTh.....9:30am-10:45am (TYD 0130) Rymer, V
F.....10:00am-10:50am (TYD 1140) DIS
0205 TuTh.....9:30am-10:45am (TYD 0130) Rymer, V
F.....10:00am-10:50am (DNC 1147A) DIS
0206 TuTh.....9:30am-10:45am (TYD 0130) Rymer, V
F.....11:00am-11:50am (TYD 1140) DIS
0207 TuTh.....9:30am-10:45am (TYD 0130) Rymer, V
F.....11:00am-11:50am (DNC 1147A) DIS
0208 TuTh.....9:30am-10:45am (TYD 0130) Rymer, V
F.....12:00pm-12:50pm (DNC 1147A) DIS
0209 TuTh.....9:30am-10:45am (TYD 0130) Rymer, V
F.....12:00pm-12:50pm (TYD 1140) DIS
0210 TuTh.....9:30am-10:45am (TYD 0130) Rymer, V
F.....1:00pm- 1:50pm (TYD 1140) DIS
0211 TuTh.....9:30am-10:45am (TYD 0130) Rymer, V
F.....1:00pm- 1:50pm (DNC 1147A) DIS
0212 TuTh.....9:30am-10:45am (TYD 0130) Rymer, V
F.....2:00pm- 2:50pm (DNC 1147A) DIS

BMGT221 Principles of Accounting II; Grade Method: REG. Prerequisite: BMGT 220. Where a BMGT exam conflicts with another regularly scheduled class, the student will be provided a makeup exam. 3 credits
0101 MW.....3:30pm- 4:45pm (TYD 0130) Hicks, M
M.....11:00am-11:50am (DNC 1147A) DIS
0102 MW.....3:30pm- 4:45pm (TYD 0130) Hicks, M
M.....12:00pm- 1:00pm (DNC 1147A) DIS
0103 MW.....3:30pm- 4:45pm (TYD 0130) Hicks, M
M.....1:00pm- 2:00pm (DNC 1147A) DIS
0104 MW.....3:30pm- 4:45pm (TYD 0130) Hicks, M
M.....2:00pm- 3:00pm (DNC 1147A) DIS
0105 MW.....3:30pm- 4:45pm (TYD 0130) Hicks, M
F.....11:00am-12:00pm (TYD 2109) DIS
0106 MW.....3:30pm- 4:45pm (TYD 0130) Hicks, M
F.....12:00pm-12:50pm (TYD 2109) DIS
0107 MW.....3:30pm- 4:45pm (TYD 0130) Hicks, M
F.....1:00pm- 1:50pm (TYD 2109) DIS
0108 MW.....3:30pm- 4:45pm (TYD 0130) Hicks, M
F.....2:00pm- 2:50pm (TYD 2109) DIS
0109 MW.....3:30pm- 4:45pm (TYD 0130) Hicks, M
F.....2:00pm- 2:50pm (TYD 0117) DIS
0110 MW.....3:30pm- 4:45pm (TYD 0130) Hicks, M
F.....3:00pm- 3:50pm (TYD 0117) DIS
0111 MW.....3:30pm- 4:45pm (TYD 0130) Hicks, M
F.....3:00pm- 3:50pm (TYD 2109) DIS
0112 MW.....3:30pm- 4:45pm (TYD 0130) Hicks, M
F.....4:00pm- 4:50pm (TYD 2109) DIS

BMGT230 Business Statistics; Grade Method: REG. Prerequisite: MATH 220. Not open to students who have completed BMGT 231, ENEE 324, or STAT 400. Credit will be granted for only one of the following: AREC 484, BIOM 301, BMGT 230, CNEC 400, ECON 321, EDMS 451, GEOG 305, GVPT 422, PSYC 200, SOCY 201, URBS 350, or TEXT 400. Where a BMGT exam conflicts with another regularly scheduled class, the student will be provided a make-up exam. Section 0201 places emphasis on resampling statistics which relies on simulation. Section 0301 is taught on instructional television. 3 credits
0101 TuTh.....12:30pm- 1:45pm (TYD 0130) Rosenberg, S
F.....8:00am- 8:50am (TYD 0102) DIS
0102 TuTh.....12:30pm- 1:45pm (TYD 0130) Rosenberg, S
F.....8:00am- 8:50am (TYD 2109) DIS
0103 TuTh.....12:30pm- 1:45pm (TYD 0130) Rosenberg, S
F.....9:00am- 9:50am (TYD 0102) DIS
0104 TuTh.....12:30pm- 1:45pm (TYD 0130) Rosenberg, S
F.....9:00am- 9:50am (TYD 2109) DIS
0105 TuTh.....12:30pm- 1:45pm (TYD 0130) Rosenberg, S
F.....10:00am-10:50am (TYD 2109) DIS
0106 TuTh.....12:30pm- 1:45pm (TYD 0130) Rosenberg, S
F.....10:00am-10:50am (TYD 0102) DIS
0107 TuTh.....12:30pm- 1:45pm (TYD 0130) Rosenberg, S
F.....11:00am-11:50am (TYD 0102) DIS
0108 TuTh.....12:30pm- 1:45pm (TYD 0130) Rosenberg, S
F.....12:00pm-12:50pm (TYD 0102) DIS

0109 TuTh.....12:30pm- 1:45pm (TYD 0130) Rosenberg, S
F.....1:00pm- 1:50pm (TYD 0102) DIS
0110 TuTh.. ...12:30pm- 1:45pm (TYD 0130) Rosenberg, S
F.....2:00pm- 2:50pm (TYD 0102) DIS
0111 TuTh.....12:30pm- 1:45pm (TYD 0130) Rosenberg, S
F.....3:00pm- 3:50pm (TYD 0102) DIS
0112 TuTh.....12:30pm- 1:45pm (TYD 0130) Rosenberg, S
F.....4:00pm- 4:50pm (TYD 0102) DIS
0201 TuTh.....3:30pm- 4:45pm (ITV 1111) Simon, J
0301 TuTh.....3:30pm- 4:45pm (EGR 2102) Bruce, P
0401 MW.....9:30am-10:45am (TYD 1118) Fromovitz, S

BMGT231 Statistical Models For Business; Grade Method: REG. Prerequisite: MATH 141 or permission of department. For management science and statistics majors. Credit will be granted for only one of the following: BMGT 231, ENEE 324, or STAT 400. 3 credits
0101 TuTh.....12:30pm- 1:45pm (TYD 1140) Widhelm, W
Tu.....8:00am- 8:50am (TYD 2108) DIS

BMGT301 Introduction to Data Processing; Grade Method: REG. This is a restricted course for BMGT majors, 08380, and 0803H with 53 semester hours completed. All others must have authorization form. 3 credits
0101 TuTh.....8:00am- 9:15am (SHM 2101) Spear, R
F.....8:00am- 8:50am (TYD 2102) DIS
0102 TuTh.....8:00am- 9:15am (SHM 2101) Spear, R
F.....9:00am- 9:50am (TYD 2102) DIS
0103 TuTh.....8:00am- 9:15am (SHM 2101) Spear, R
F.....10:00am-10:50am (TYD 2102) DIS
0104 TuTh.....8:00am- 9:15am (SHM 2101) Spear, R
F.....11:00am-11:50am (TYD 2106) DIS
0201 MW.....3:30pm- 4:45pm (SHM 2102) Chaires Jr., J
F.....8:00am- 8:50am (TYD 1118) DIS
0202 MW.....3:30pm- 4:45pm (SHM 2102) Chaires Jr., J
F.....9:00am- 9:50am (TYD 1118) DIS
0203 MW.....3:30pm- 4:45pm (SHM 2102) Chaires Jr., J
F.....10:00am-10:50am (TYD 1118) DIS
0204 MW.....3:30pm- 4:45pm (SHM 2102) Chaires Jr., J
F.....11:00am-11:50am (TYD 1118) DIS

BMGT302 Information Systems Implementation Techniques; Grade Method: REG. Prerequisite: BMGT 301. This is a restricted course for BMGT majors and 08380 majors with 68 semester hours completed. All others must have authorization form. 3 credits
0101 TuTh.....9:30am-10:45am (TYD 1140) Spear, R

BMGT310 Intermediate Accounting I; Grade Method: REG. Prerequisite: BMGT 221. Where a BMGT exam conflicts with another regularly scheduled class, the student will be provided a make-up exam. This is a restricted course for accounting majors with 53 semester hours completed. All others must have authorization form. 3 credits
0201 MW.....9:30am-10:45am (ARM 0119) Sinharoy, R
0301 MW.....2:00pm- 3:15pm (TYD 2109) Main, D
0401 MW.....3:30pm- 4:45pm (TYD 2109) Main, D
0501 TuTh.....9:30am-10:45am (TYD 0111) Wong, T
0601 TuTh.....11:00am-12:15pm (HBK 0117) Wong, T

BMGT311 Intermediate Accounting II; Grade Method: REG. Prerequisite: BMGT 310. Where a BMGT exam conflicts with another regularly scheduled class, the student will be provided a makeup exam. This is restricted to accounting majors with 65 semester hours completed. All others must have authorization form. 3 credits
0101 MW.....12:30pm- 1:45pm (ARM 0119) Amlie, T
0201 MW.....2:00pm- 3:15pm (ARM 0119) Amlie, T
0301 MW.....3:30pm- 4:45pm (TYD 2108) Amlie, T

BMGT321 Cost Accounting; Grade Method: REG. Prerequisite: BMGT 221. This course is restricted to BMGT majors with 53 semester hours completed. All others must have authorizationse form. 3 credits
0101 TuTh.....11:00am-12:15pm (TYD 1140) Bedingfield, J
0201 TuTh.....12:30pm- 1:45pm (TYD 2108) Bedingfield, J
0301 MW.....2:00pm- 3:15pm (TYD 2106) Loeb, M
0401 MW.....3:30pm- 4:45pm (TYD 2106) Loeb, M

BMGT323 Income Tax Accounting; Grade Method: REG. Prerequisite: BMGT 221. This course is restricted to BMGT majors with 53 semester hours. All others must have authorization form. 3 credits
0101 TuTh.....12:30pm- 1:45pm (TYD 0111) Pantalone Jr.,
0201 TuTh.....2:00pm- 3:15pm (TYD 0111) Pantalone Jr.,
0301 MW.....3:30pm- 4:45pm (TYD 0102) Pantalone Jr.,

BMGT326 Accounting Systems; Grade Method: REG. Prerequisites: BMGT 301; and BMGT 321. This course is restricted to accounting majors with 74 semester hours completed. All others must have authorization form. 3 credits
0101 MW.....9:30am-10:45am (TYD 0102) Kandelin, N
0201 MW.....12:30pm- 1:45pm (TYD 2102) Kandelin, N

BMGT332 Operations Research For Management Decisions; Grade Method: REG. Prerequisite: BMGT 230. Not for Management Science-Statistics majors. This course is restricted to BMGT majors with 53 semester hours completed. All others must have authorization form. 3 credits
0101 MW..... 11:00am-12:15pm (TYD 1140) Jain, K
0201 MW.....12:30pm- 1:45pm (TYD 1140) Jain, K
0301 TuTh.....11:00am-12:15pm (TYD 2140) Widhelm, W
0401 TuTh.....2:00pm- 3:15pm (JMZ 0105) Kaku, B

BMGT340 Business Finance; Grade Method: REG. Prerequisites: BMGT 221; and [BMGT 230 or BMGT 231]. This course is restricted to BMGT majors with 53 semester hours and major code 0111C. All others must have authorization form. 3 credits
0101 MW.....12:30pm- 1:45pm (TYD 0130) Pichler, P
F.....8:00am- 8:50am (TYD 0111) DIS
0102 MW.....12:30pm- 1:45pm (TYD 0130) Pichler, P
F.....8:00am- 8:50am (TYD 2111) DIS
0103 MW.....12:30pm- 1:45pm (TYD 0130) Pichler, P
F.....9:00am- 9:50am (TYD 0111) DIS
0104 MW. .....12:30pm- 1:45pm (TYD 0130) Pichler, P
F.....9:00am- 9:50am (TYD 1128) DIS
0105 MW.....12:30pm- 1:45pm (TYD 0130) Pichler, P
F.....10:00am-10:50am (TYD 1128) DIS
0106 MW.....12:30pm- 1:45pm (TYD 0130) Pichler, P
F.....10:00am-10:50am (TYD 0111) DIS
0107 MW.....12:30pm- 1:45pm (TYD 0130) Pichler, P
F.....11:00am-11:50am (TYD 0111) DIS
0108 MW.....12:30pm- 1:45pm (TYD 0130) Pichler, P
F.....11:00am-11:50am (ARM 0119) DIS
0109 MW.....12:30pm- 1:45pm (TYD 0130) Pichler, P
F.....12:00pm-12:50pm (ARM 0119) DIS
0110 MW.....12:30pm- 1:45pm (TYD 0130) Pichler, P
F.....12:00pm-12:50pm (TYD 0111) DIS
0111 MW.....12:30pm- 1:45pm (TYD 0130) Pichler, P
F.....3:00pm- 3:50pm (TYD 0111) DIS
0112 MW.....12:30pm- 1:45pm (TYD 0130) Pichler, P
F.....3:00pm- 3:50pm (ARM 0119) DIS

BMGT343 Investments; Grade Method: REG. Prerequisite: BMGT 340. This course is restricted to finance majors with 68 semester hours completed. All others must have authorization form. 3 credits
0101 MW.....11:00am-12:15pm (TYD 2108) Price, K
0201 MW.....2:00pm- 3:15pm (TYD 0101) Madan, D
0301 M.....7:00pm- 9:40pm (TYD 0102) Price, K

BMGT350 Marketing Principles and Organization; Grade Method: REG. Prerequisite: ECON 203; or ECON 205. This course is restricted to marketing majors with 53 semester hours completed. Other BMGT majors and students with major codes 0803C, 08380, 1303A, 1303B, 1303C, 1303E, 1304A, 0601A, 0601F, 0602A, 0602F,0111C must have 70 semester hours completed. All others must have authorization form. 3 credits
0101 TuTh.....11:00am-12:15pm (TYD 0130) Nickels, W
F.....8:00am- 8:50am (TYD 2108) DIS
0102 TuTh.....11:00am-12:15pm (TYD 0130) Nickels, W
F.....8:00am- 8:50am (TYD 2106) DIS
0103 TuTh.....11:00am-12:15pm (TYD 0130) Nickels, W
F.....9:00am- 9:50am (JRN 1105) DIS
0104 TuTh.....11:00am-12:15pm (TYD 0130) Nickels, W
F.....9:00am- 9:50am (TYD 2108) DIS
0105 TuTh.....11:00am-12:15pm (TYD 0130) Nickels, W
F.....10:00am-10:50am (TYD 2108) DIS
0106 TuTh.....11:00am-12:15pm (TYD 0130) Nickels, W
F.....11:00am-11:50am (TYD 2108) DIS
0107 TuTh.....11:00am-12:15pm (TYD 0130) Nickels, W
F.....12:00pm-12:50pm (TYD 2108) DIS
0108 TuTh.....11:00am-12:15pm (TYD 0130) Nickels, W
F.....1:00pm- 1:50pm (TYD 2108) DIS
0109 TuTh.....11:00am-12:15pm (TYD 0130) Nickels, W
F.....2:00pm- 2:50pm (TYD 2108) DIS
0110 TuTh.....11:00am-12:15pm (TYD 0130) Nickels, W
F.....2:00pm- 2:50pm (TYD 1140) DIS

0111 TuTh.....11:00am-12:15pm (TYD 0130) Nickels, W
F.....3:00pm- 3:50pm (TYD 2108) DIS
0112 TuTh.....11:00am-12:15pm (TYD 0130) Nickels, W
F.....4:00pm- 4:50pm (TYD 2108) DIS

BMGT354 Promotion Management; Grade Method: REG. Prerequisite: BMGT 350. This course is restricted to BMGT majors and students with major codes 0803C, 0601A, 0601F 0602A, 0602F, 1303B, 1303C, 1304A with 60 hours. All others must have authorization form. 3 credits
0101 MW.....8:00am- 9:15am (TYD 0111) Curlo, E
0201 MW.....9:30am-10:45am (TYD 1140) Curlo, E
0301 TuTh.....9:30am-10:45am (LEF 2166) LaBahn, D

BMGT360 Personnel Management; Grade Method: REG. This course is open to all students with 53 semester hours completed. 3 credits
0101 TuTh.....8:00am- 9:15am (TYD 0130) Kovach, K
F.....8:00am- 8:50am (TYD 1108) DIS
0102 TuTh.....8:00am- 9:15am (TYD 0130) Kovach, K
F.....9:00am- 9:50am (TYD 1108) DIS
0103 TuTh.....8:00am- 9:15am (TYD 0130) Kovach, K
F.....10:00am-10.50am (TYD 1108) DIS
0104 TuTh.....8:00am- 9:15am (TYD 0130) Kovach, K
F.....11:00am-11:50am (TYD 1108) DIS
0105 TuTh.....8:00am- 9:15am (TYD 0130) Kovach, K
F.....12:00pm-12:50pm (TYD 1108) DIS
0106 TuTh.....8:00am- 9:15am (TYD 0130) Kovach, K
F.....1:00pm- 1:50pm (TYD 1108) DIS
0107 TuTh.....8:00am- 9:15am (TYD 0130) Kovach, K
F.....2:00pm- 2:50pm (TYD 1108) DIS
0108 TuTh.....8:00am- 9:15am (TYD 0130) Kovach, K
F.....3:00pm- 3:50pm (TYD 1108) DIS

BMGT362 Labor Relations; Grade Method: REG. This course is restricted to BMGT majors and students with major codes 0839A ,1307A , and 1307B with 60 semester hours completed. All others must have authorization form. 3 credits
0101 TuTh.....9:30am-10:45am (TYD 1128) Levine, M

BMGT364 Management and Organization Theory; Grade Method REG. This course is restricted to BMGT majors and students with major codes 1303A, 1303B 1303C, 1303E, 0111C, and with 53 semester hours completed. All others must have authorization form. 3 credits
0101 MW..... 11:00am-12:15pm (TYD 0130) Carroll Jr., S
F..... .8:00am- 8:50am (TYD 0117) DIS
0102 MW.....11:00am-12:15pm (TYD 0130) Carroll Jr., S
F.....9:00am- 9:50am (TYD 0117) DIS
0103 MW.....11:00am-12:15pm (TYD 0130) Carroll Jr., S
F.....12:00pm-12:50pm (TYD 1118) DIS
0104 MW.....11:00am-12:15pm (TYD 0130) Carroll Jr., S
F.....12:00pm-12:50pm (TYD 2102) DIS
0105 MW.....11:00am-12:15pm (TYD 0130) Carroll Jr., S
F.....1:00pm- 1:50pm (TYD 1118) DIS
0106 MW.....11:00am-12:15pm (TYD 0130) Carroll Jr., S
F.....1:00pm- 1:50pm (TYD 0111) DIS
0107 MW.....11:00am-12:15pm (TYD 0130) Carroll Jr., S
F.....2:00pm- 2:50pm (TYD 0111) DIS
0108 MW.....11:00am-12:15pm (TYD 0130) Carroll Jr., S
F.....2:00pm- 2:50pm (TYD 1118) DIS
0109 MW.....11:00am-12:15pm (TYD 0130) Carroll Jr., S
F.....3:00pm- 3:50pm (TYD 2102) DIS
0110 MW.....11:00am-12:15pm (TYD 0130) Carroll Jr., S
F.....3:00pm- 3:50pm (TYD 1118) DIS
0111 MW.....11:00am-12:15pm (TYD 0130) Carroll Jr., S
F.....4:00pm- 4:50pm (TYD 1118) DIS
0112 MW.....11:00am-12:15pm (TYD 0130) Carroll Jr., S
F.....4:00pm- 4:50pm (TYD 2102) DIS

BMGT370 Principles of Transportation; Grade Method: REG. Prerequisite: ECON 203; or ECON 205. This course is open to all students with 53 semester hours completed. 3 credits
0101 MW.....11:00am-12:15pm (TYD 2102) Gardner, L
0201 TuTh.....2:00pm- 3:15pm (ARM 0110) Jarrell, J
0301 TuTh.....9:30am-10:45am (ARC 1101) Jarrell, J

BMGT372 Traffic and Physical Distribution Management; Grade Method: REG. Open to BMGT majors only with 53 semester hours completed. 3 credits
0101 TuTh.....9:30am-10:45am (TYD 2111) Feitler, J
0201 TuTh.....8:00am- 9:15am (TYD 2102) Emerson, C
0301 MW.....11:00am-12:15pm (TYD 2109) Dresner, M

BMGT380 Business Law I; Grade Method: REG. This course is restricted to BMGT majors and students with major codes 0803C 0803H, 0111C and 08380 with 53 semester hours completed. All others must have authorization form. 3 credits
0101 TuTh.....8:00am- 9:15am (TYD 0117) Goldman, R
0201 TuTh.....2:00pm- 3:15pm (TYD 0117) Leete, B
0301 TuTh.....3:30pm- 4:45pm (TYD 0117) Leete, B
0401 MW.....2:00pm- 3:15pm (TYD 0117) Ostas, D

BMGT381 Business Law II; Grade Method: REG. Prerequisite: BMGT 380 or permission of department. This course is restricted to BMGT majors with 68 semester hours completed. All others must have authorization form. 3 credits
0101 TuTh.....9:30am-10:45am (TYD 0117) Goldman, R

BMGT385 Production Management; Grade Method: REG. This course is restricted to BMGT majors and major code 0839A with 53 semester hours completed. All others must have authorizaton form. 3 credits
0101 MW.....2:00pm- 3:15pm (TYD 2108) Assad, A
Th.....10:00am-10:50am (ASY 3221) DIS

BMGT386 (PermReq) Field Work; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: BMGT 387. 1-3 credits

BMGT387 (PermReq) Field Work Analysis; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: BMGT 386. 1-3 credits

BMGT392 Introduction to International Business Management; Grade Method: REG. Prerequisite: ECON 203; or ECON 205. This course is restricted to business majors and major codes 11020, 11030, 11050, and 11060 with 53 semester hours completed. All others must have an authorization form. 3 credits
0101 TuTh.....12:30pm- 1:45pm (TYD 2109) Preston, L

BMGT398 (PermReq) Individual Study in Business and Management; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

BMGT402 Database Systems; Grade Method: REG. Prerequisite: BMGT 301. This course is restricted to BMGT majors with 75 semester hours. All others must have authorization form. This course offered in Fall semester only. 3 credits
0101 TuTh.....11:00am-12:15pm (HZF 1106) Gibson Jr, R

BMGT403 Systems Analysis and Design; Grade Method: REG. Prerequisite: BMGT 301. Restricted to BMGT majors with 75 semester hours completed. This course offered in Fall semester only. 3 credits
0101 TuTh.....9:30am-10:45am (HZF 1102) Tunon, M

BMGT417 Advanced Tax Accounting; Grade Method: REG. Prerequisites: BMGT 311; and BMGT 323. This course is restricted to accounting majors with 84 semester hours completed. All others must have authorization form. 3 credits
0101 TuTh.....12:30pm- 1:45pm (ARM 0119) LeClere, M
0201 TuTh.....2:00pm- 3:15pm (TYD 2109) LeClere, M

BMGT420 Undergraduate Accounting Seminar; Grade Method: REG. Prerequisite: senior standing as an accounting major or permission of department. 3 credits
0101 MW.....11:00am-12:15pm (ARM 0119) Webb, N

BMGT422 Auditing Theory and Practice; Grade Method: REG. Prerequisite: BMGT 311. This is a restricted course for accounting majors. All other majors must have authorization form. Where a BMGT exam conflicts with another regularly scheduled class, the student will be provided a makeup exam. 3 credits
0101 MW.....8:00am- 9:15am (TYD 2109) Weickgenannt, A
0201 MW.....9:30am-10:45am (TYD 2109) Weickgenannt, A
0301 Tu.....7:00pm- 9:40pm (TYD 1140) Voss, J

BMGT424 Advanced Accounting; Grade Method: REG. Prerequisite: BMGT 311. This is a restricted course for accounting majors. All other majors must have authorization form. Where a BMGT exam conflicts with another regularly scheduled class, the student will be provided a makeup exam. 3 credits
0101 TuTh.....12:30pm- 1:45pm (TYD 0117) Rymer, V
0201 TuTh.....2:00pm- 3:15pm (TYD 0102) Rymer, V
0301 MWF.....8:00am- 8:50am (TYD 1132) Manchester, J

BMGT430 Linear Statistical Models in Business; Grade Method: REG. Prerequisite: BMGT 230 or BMGT 231 or permission of department. This course is restricted to BMGT majors with 84 semester hours completed. All others must have authorization form. 3 credits
0101 TuTh.....2:00pm- 3:15pm (TYD 1140) Abdul-Wahab, F
Tu.....8:00am- 8:50am (TYD 1118) DIS

BMGT431 Design of Statistical Experiments in Business; Grade Method: REG. Prerequisite: BMGT 230 or BMGT 231. This course is restricted to BMGT majors with 72 semester hours completed. All others must have authorization form. 3 credits
0101 TuTh.....3:30pm- 4:45pm (TYD 1140) Abdul-Wahab, F
Tu.....8:00am- 8:50am (TYD 0111) DIS

BMGT434 Introduction to Optimization Theory; Grade Method: REG. Prerequisite: MATH 220; or permission of department. This course is restricted to BMGT majors with 72 semester hours. All others must have authorization form. This course offered in Fall semester only. 3 credits
0101 MW.....12:30pm- 1:45pm (TYD 2108) Bodin, L
Th.....8:00am- 8:50am (TYD 1118) DIS

BMGT440 Financial Management; Grade Method: REG. Prerequisite: BMGT 340. This course is restricted to BMGT majors with 84 semester hours. All others must have authorization form. 3 credits
0101 MW.....2:00pm- 3:15pm (TYD 1108) Byun, J
0201 TuTh.....3:30pm- 4:45pm (TYD 1101) DuPont, E
0301 TuTh.....2:00pm- 3:15pm (TYD 2108) DuPont, E

BMGT444 Futures Contracts and Options; Grade Method: REG. Prerequisite: BMGT 343. This course is restricted to finance majors with 84 semester hours completed. All others must have authorization form. 3 credits
0101 W.....7:00pm- 9:40pm (EDU 1107) STAFF

BMGT445 Commercial Bank Management; Grade Method: REG. Prerequisites: BMGT 340; and ECON 430. This course is restricted to finance majors with 84 hours completed. All others must have authorization form. 3 credits
0101 TuTh.....3:30pm- 4:45pm (TYD 0111) Unal, H

BMGT446 International Finance; Grade Method: REG. Prerequisite: BMGT 340. This course is restricted to finance majors with 72 hours completed. All others must have authorization form. 3 credits
0101 TuTh.....9:30am-10:45am (LEF 1220) Jang, J
0201 TuTh.....11:00am-12:15pm (TYD 0111) Chen, S

BMGT451 Consumer Analysis; Grade Method: REG. Prerequisite: BMGT 350. Recommended: PSYC 100; and PSYC 221. Not open to students who have completed CNEC 437. Credit will be granted for only one of the following: BMGT 451 or CNEC 437. This course is restricted to BMGT majors and students with major codes 0601A, 0601F, 0602 and 0602A with 68 hours completed. All others must have authorization form. 3 credits
0101 TuTh.....11:00am-12:15pm (TYD 2108) Durand, R
0201 MW.....12:30pm- 1:45pm (TYD 2106) Dwyer, T
0301 MW.....2:00pm- 3:15pm (TYD 0102) Welsh, K

BMGT452 Marketing Research Methods; Grade Method: REG. Prerequisites: BMGT 230; and BMGT 451. Formerly BMGT 450. This course restricted to marketing majors with 72 semester hours completed. All others must have authorization form. 3 credits
0101 TuTh.....11:00am-12:15pm (JRN 1104) Ali, A
0201 MW.....2:00pm- 3:15pm (TYD 1140) Beasley, F
0301 MW.....3:30pm- 4:45pm (TYD 1118) Beasley, F

BMGT453 Industrial Marketing; Grade Method: REG. Prerequisites: BMGT 350 plus one other marketing course. This course is restricted to BMGT majors with 72 semester hours completed. All others must have authorization form. 3 credits
0101 TuTh.....12:30pm- 1:45pm (TYD 0102) Krapfel, R

BMGT454 International Marketing; Grade Method: REG. Prerequisites: BMGT 350 plus one other marketing course. This course is restricted to BMGT majors with 72 semester hours completed. 3 credits
0101 TuTh.....9:30am-10:45am (TYD 0102) Greer, T
0201 TuTh.....11:00am-12:15pm (TYD 0102) Greer, T

BMGT456 Advertising; Grade Method: REG. Prerequisite: BMGT 350. This course is restricted to BMGT majors and students with major codes 1303A, 1303B, 1303C, 1303E, and 1304A with 60 semester hours completed. All others must have authorization form. 3 credits
0101 TuTh.....11:00am-12:15pm (TYD 2109) Stephens, D
0201 MW.....12:30pm- 1:45pm (TYD 2109) Hanson, C

BMGT457 Marketing Policies and Strategies; Grade Method: REG. Prerequisite: BMGT 452. This course is restricted to marketing majors with 100 semester hours completed. All others must have authorization form. 3 credits
0101 MW.....9:30am-10:45am (TYD 0111) Lefkoff, R
0201 MW.....11:00am-12:15pm (TYD 0111) Lefkoff, R

BMGT460 Personnel Management: Analysis and Problems; Grade Method: REG. Prerequisite: BMGT 360. Recommended: BMGT 230. This course is restricted to BMGT majors with 72 semester hours completed. All others must have authorization form. This course offered in Fall semester only. 3 credits
0101 W.....5:30pm- 8:10pm (TYD 2102) Dipietro, C

BMGT462 Labor Legislation; Grade Method: REG. This course is restricted to BMGT majors with 72 credit hours completed. All others must have authorization form. This course offered in Fall semester only. 3 credits
0101 TuTh.....12:30pm- 1:45pm (TYD 1132) Levine, M

BMGT470 Carrier Management; Grade Method: REG. Prerequisites: BMGT 370; and BMGT 372. This course is open to all students with 72 semester hours completed. 3 credits
0101 TuTh.....9:30am-10:45am (TYD 2108) Taff, C

BMGT473 Advanced Transportation Problems; Grade Method: REG. Prerequisite: BMGT 370. This course is open to all students with 72 semester hours completed. 3 credits
0101 MW.....8:00am- 9:15am (TYD 2108) Gardner, L

BMGT476 Applied Computer Models in Transportation and Logistics; Grade Method: REG. Prerequisites: BMGT 370; and BMGT 372. Open to transportation majors. All others must have authorization form. 3 credits
0101 MW.....12:30pm- 1:45pm (TYD 0102) Dresner, M

BMGT477 International Transportation and Logistics; Grade Method: REG. Prerequisites: BMGT 370; and BMGT 372. This course restricted to BMGT majors only. All others must have authorization form. 3 credits
0101 MW.....9:30am-10:45am (TYD 1128) Gardner, L

BMGT480L (PermReq) Legal Environment of Business; Grade Method: REG/P-F/AUD. Junior standing. By permission of the Arts and Humanities only. 3 credits
0101 Tu.....6:30pm- 9:00pm (TYD 1132) Plotkin, R

BMGT482 Business and Government; Grade Method: REG. Prerequisite: ECON 203; or ECON 205. This is a restricted course. Non-BMGT majors must have authorization form. 3 credits
0101 TuTh.....3:30pm- 4:45pm (TYD 2109) McLaughlin, F

BMGT495 Business Policies; Grade Method: REG. Prerequisites: BMGT 340; and BMGT 350; and BMGT 364. Open only to graduating seniors in Business and Management. This is a 3 credits

restricted course for BMGT majors with 100 hours completed. All others must have authorization form.

0101 MW.....8:00am- 9:15am (TYD 1108) Ostrow, M
0201 MW.....9:30am-10:45am (TYD 1108) Davis, K
0301 MW.....11:00am-12:15pm (TYD 1108) Lee, H
0401 MW.....12:30pm- 1:45pm (TYD 1108) Lee, H
0501 TuTh.....8:00am- 9:15am (TYD 1108) Ferrier, W
0601 TuTh.....9:30am-10:45am (TYD 1108) Moon, C
0701 TuTh.....11:00am-12:15pm (TYD 1108) Wally, S
0801 TuTh.....12:30pm- 1:45pm (TYD 1108) Moon, C
0901 TuTh.....2:00pm- 3:15pm (TYD 1108) Young, G

BMGT495A Business Policies; Grade Method: REG. Prerequisites: BMGT 340; and BMGT 350; and BMGT 384. This is a restricted course for BMGT majors with 96 hours completed. All others must have authorization form. BMGT 495A is designed to provide the study of policy decision making in a small business environment. The course involves case studies of actual management problems provided by the Small Business Administration. Members of the class, in teams, investigate and recommend solutions for real world problems to the owner/manager of the firm. — 3 credits

0101 Tu.....4:00pm- 6:40pm (TYD 1128) Smith, K

BMGT496 Business and Society; Grade Method: REG. Prerequisite: one course in BMGT; or permission of department. This course is open to all students with 72 hours completed. — 3 credits

0101 MW.....11:00am-12:15pm (TYD 0102) Ostas, D

BMGT498L (PermReq) Special Topics in Business and Management: Accounting, Budgeting, and Planning; Grade Method: REG. By permission of the Arts and Humanities Dean's office only. — 3 credits

0101 TuTh.....11:00am-12:15pm (HZF 1101) Silvester, K

BMGT498S Special Topics in Business and Management: Statistical Decision Theories in Business; Grade Method: REG/AUD. — 3 credits

0101 MW.....12:30pm- 1:45pm (TYD 1136) Fromovitz, S

BMGT498X (PermReq) Special Topics in Business and Management: Analytical Problem Solving; Grade Method: REG. By permission of the Arts and Humanities Dean's office only. — 3 credits

0101 Th.....2:00pm- 4:45pm (JMZ 2123) Napolitano, C

BMGT610 Financial Accounting; Grade Method: REG/AUD. — 3 credits

0101 TuTh.....9:30am-10:45am (TYD 2102) Jang, J
0201 TuTh.....11:00am-12:15pm (TYD 2102) Jang, J
0301 TuTh.....12:30pm- 1:45pm (KEY 0102) Thompson, R
0401 TuTh.....9:30am-10:45am (EDU 1107) Thompson, R
0501 W.....7:00pm- 9:40pm (TYD 0102) Fischetti, M
0601 Th.....7:00pm- 9:40pm (TYD 2106) STAFF

BMGT620 Management Information Systems; Grade Method: REG/AUD. — 3 credits

0101 M.....3:30pm- 6:10pm (EGR 3140) Alavi, M
0201 M.....7:00pm- 9:40pm (EGR 3140) Alavi, M
0301 Th.....7:00pm- 9:40pm (TYD 0111) Gingrich, G
0401 W.....7:00pm- 9:40pm (EDU 2121) STAFF

BMGT630 Managerial Statistics I; Grade Method: REG/AUD. — 3 credits

0101 TuTh.....12:30pm- 1:45pm (TYD 1118) Kotz, S
0201 TuTh.....2:00pm- 3:15pm (TYD 1118) Grimshaw, S
0301 TuTh.....3:30pm- 4:45pm (TYD 2102) Grimshaw, S
0401 TuTh.....11:00am-12:15pm (EDU 4233) Grimshaw, S

BMGT631 (PermReq) Operations Research and Management; Grade Method: REG/AUD. Prerequisite: BMGT 630. — 3 credits

0101 M.....7:00pm- 9:40pm (TYD 2111) Gass, S
0201 Tu.....7:00pm- 9:40pm (TYD 1101) Ball, M
0301 Th.....7:00pm- 9:40pm (TYD 1108) Kaku, B
0401 M.....7:00pm- 9:40pm (KEY 0121) Bodin, L

BMGT640 (PermReq) Financial Management; Grade Method: REG/AUD. Prerequisites: BMGT 610; and BMGT 630. — 3 credits

0101 M.....7:00pm- 9:40pm (TYD 1118) Bradford, W
0201 W.....7:00pm- 9:40pm (TYD 1118) Gerety, M
0301 Tu.....6:30pm- 9:10pm (LEF 2166) Gerety, M

BMGT650 Marketing Management; Grade Method: REG/AUD. — 3 credits

0101 MW.....2:00pm- 3:15pm (TYD 2102) Sengupta, S

0201 MW.....3:30pm- 4:45pm (TYD 2102) Sengupta, S
0301 TuTh.....11:00am-12:15pm (TYD 1118) Biehal, G
0401 Tu.....7:00pm- 9:40pm (TYD 1118) Krapfel, R

BMGT660 Management and Organizational Behavior; Grade Method: REG/AUD. — 3 credits

0101 Tu.....7:00pm- 9:40pm (TYD 2106) Sims, H
0201 M.....7:00pm- 9:40pm (TYD 2102) Locke, E
0301 Tu.....7:00pm- 9:40pm (TYD 0117) Taylor, M

BMGT661 Human Resources Management; Grade Method: REG/AUD. — 3 credits

0101 TuTh.....3:30pm- 4:45pm (TYD 0102) Stevens, C

BMGT670 Economic Environment; Grade Method: REG/AUD. — 3 credits

0101 TuTh.....9:30am-10:45am (TYD 1118) Haltmaier, J
0201 MW.....9:30am-10:45am (TYD 2102) STAFF
0301 MW.....11:00am-12:15pm (TYD 2106) Windle, R
0401 TuTh.....11:00am-12:15pm (MMH 1304) Haltmaier, J

BMGT672 Physical Distribution Management; Grade Method: REG/AUD. — 3 credits

0101 TuTh.....11:00am-12:15pm (TYD 0117) Jarrell, J

BMGT680 (PermReq) Business and Public Policy; Grade Method: REG/AUD. Prerequisite: BMGT 670. — 3 credits

0101 TuTh.....12:30pm- 1:45pm (TYD 2102) Stockdale, D
0201 TuTh.....2:00pm- 3:15pm (TYD 1132) Stockdale, D
0301 MW.....2:00pm- 3:15pm (TYD 1118) Jackson, K

BMGT690 (PermReq) Strategic Management; Grade Method: REG/AUD. Prerequisites: permission of department; and completion of all other MBA core courses before registering for this course. — 3 credits

0101 Th.....7:00pm- 9:40pm (TYD 2102) Smith, K

BMGT710 (PermReq) Advanced Accounting Theory; Grade Method: REG/AUD. Prerequisite: BMGT 610. — 3 credits

0101 M.....7:00pm- 9:40pm (TYD 1140) Lynch, J

BMGT711 (PermReq) Advanced Managerial Accounting; Grade Method: REG/AUD. Prerequisites: permission of department; and completion of all first year MBA courses before registering for this course. — 3 credits

0101 Tu.....7:00pm- 9:40pm (TYD 2102) Gordon, L

BMGT713 (PermReq) The Impact of Taxation On Business Decisions; Grade Method: REG/AUD. Prerequisite: BMGT 611. — 3 credits

0101 W.....7:00pm- 9:40pm (TYD 2110) Pantalone Jr.,

BMGT721 (PermReq) File Processing and Database Systems; Grade Method: REG/AUD. Prerequisite: permission of department. — 3 credits

0101 M.....7:00pm- 9:40pm (TYD 1132) Yao, S

BMGT724 (PermReq) Economics of Information Systems; Grade Method: REG/AUD. Prerequisite: BMGT 620; or BMGT 721. — 3 credits

0101 Tu.....7:00pm- 9:40pm (TYD 0101) Hines, V

BMGT725 (PermReq) Information Systems Analysis and Design; Grade Method: REG/AUD. Prerequisite: BMGT 620; or BMGT 721. — 3 credits

0101 M.....7:00pm- 9:40pm (TYD 2108) Hevner, A

BMGT741 (PermReq) Advanced Financial Management; Grade Method: REG/AUD. Prerequisite: BMGT 640. — 3 credits

0101 M.....7:00pm- 9:40pm (TYD 2109) Senbet, L

BMGT742 (PermReq) Financial Planning and Strategy; Grade Method: REG/AUD. Prerequisite: BMGT 640. — 3 credits

0101 W.....7:00pm- 9:40pm (TYD 0117) Fanara Jr., P

BMGT743 (PermReq) Investment Management; Grade Method: REG/AUD. Prerequisite: BMGT 640. — 3 credits

0101 Tu.....7:00pm- 9:40pm (TYD 0102) Fanara Jr., P

BMGT746 (PermReq) International Financial Management; Grade Method: REG/AUD. Prerequisite: BMGT 640. — 3 credits

0101 TuTh.....3:30pm- 4:45pm (TYD 2140) Chen, S

BMGT754 (PermReq) Buyer Behavior Analysis; Grade Method: REG/AUD. Prerequisite: BMGT 650. — 3 credits

0101 Tu.....7:00pm- 9:40pm (TYD 1108) Stephens, D

BMGT756 (PermReq) Business-to-Business Marketing; Grade Method: REG/AUD. Prerequisite: BMGT 650. — 3 credits

0101 Th.....7:00pm- 9:40pm (TYD 2108) Krapfel, R

BMGT761 (PermReq) Problems and Applications in Personnel Administration; Grade Method: REG/AUD. Prerequisite: BMGT 661. — 3 credits

0101 Tu.....7:00pm- 9:40pm (TYD 2140) Stevens, C

BMGT765 (PermReq) Application of Behavioral Science to Business; Grade Method: REG/AUD. Prerequisite: BMGT 660. — 3 credits

0101 MW.....3:30pm- 4:45pm (TYD 1108) Gannon, M

BMGT770 (PermReq) Transportation Theory and Analysis; Grade Method: REG/AUD. Prerequisite: BMGT 672. — 3 credits

0101 W..... .7:00pm- 9:40pm (TYD 1136) Corsi, T

BMGT776 (PermReq) Management of High Technology, Research and Development; Grade Method: REG/AUD. — 3 credits

0101 Tu.....6:30pm- 9:10pm (TYD 2108) Scheraga, C

BMGT780 (PermReq) New Venture Creation; Grade Method: REG/AUD. Prerequisite: completion of MBA core requirements or permission of department. — 3 credits

0101 M.....7:00pm- 9:40pm (TYD 0111) Kinlein, B

BMGT791 (PermReq) MBA Field Project; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: permission of department. Students may register only with written permission of course coordinator. — 3 credits

BMGT795 Management of the Multinational Firm; Grade Method: REG/AUD. — 3 credits

0101 Th.....6:30pm- 9:10pm (TYD 0117) Scheraga, C

BMGT798A (PermReq) Special Topics in Business and Management: Topics in Manufacturing; Grade Method: REG/AUD. Restricted to grad business majors. — 3 credits

0101 W.....7:00pm- 9:40pm (TYD 1108) Fu, M

BMGT798C (PermReq) Special Topics in Business and Management: Strategic Marketing Planning; Grade Method: REG/AUD. Restricted to grad business majors. — 3 credits

0101 TuTh.....2:00pm- 3:15pm (TYD 2102) Biehal, G

BMGT798E (PermReq) Special Topics in Business and Management: International Competition and Strategic Choice; Grade Method: REG/AUD. — 3 credits

0101 Tu.....7:00pm- 9:40pm (TYD 2109) Gupta, A

BMGT798G (PermReq) Special Topics in Business and Management: Total Quality Management; Grade Method: REG/AUD. — 3 credits

0101 M.....7:00pm- 9:40pm (TYD 2100) Alt, F

BMGT798I (PermReq) Special Topics in Business and Management: Financing New Ventures; Grade Method: REG/AUD. — 3 credits

0101 W.....7:00pm- 9:40pm (TYD 2100) STAFF

BMGT799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. Restricted to graduate business majors. — 1-6 credits

BMGT808A (PermReq) Doctoral Seminar: Seminar in Transportation Economics and Policy; Grade Method: REG/AUD. — 3 credits

0101 W.....4:00pm- 6:40pm (TYD 1132) Windle, R

BMGT808B (PermReq) Doctoral Seminar: Product and Pricing Management; Grade Method: REG/AUD. — 3 credits

0101 Th.....2:00pm- 4:40pm (LEF 1210) Ali, A

BMGT808R Doctoral Seminar: Strategic Management; Grade Method: REG/AUD. — 3 credits

0101 M.....4:00pm- 6:40pm (TYD 2110) Gupta, A

BMGT814 Current Problems of Professional Practice; Grade Method: REG/AUD. — 3 credits

0101 M.....3:00pm- 5:40pm (TYD 2140) Loeb, S

BMGT821 (PermReq) Seminar in Management Accounting; Grade Method: REG/AUD. Prerequisite: BMGT 711 or equivalent. — 3 credits

0101 Th.....4:00pm- 6:40pm (TYD 2100) Gordon, L

BMGT825 (PermReq) Knowledge-Based Systems; Grade Method: REG/AUD. Prerequisite: BMGT 721. For BMGT majors only. — 3 credits

0101 W.....7:00pm- 9:40pm (TYD 1140) Raschid, L

BMGT828 (PermReq) Independent Study in Business and Management; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. MBA students may register only with written permission of Masters Program Director. Ph.D. students may register only with written permission of Dr. Alt, Director of Graduate Studies Restricted to grad business majors. — 1-9 credits

BMGT830 (PermReq) Operations Research: Linear Programming; Grade Method: REG/AUD. Prerequisites: MATH 240 or equivalent; or permission of department. — 3 credits

0101 M.....3:00pm- 5:40pm (ITV 1100) Gass, S

BMGT840 (PermReq) Seminar in Financial Theory; Grade Method: REG/AUD. Prerequisite: permission of department. — 3 credits

0101 W.....9:30am-12:10pm (TYD 1136) Madan, D

BMGT845 Seminar in Financial Institutions and Markets; Grade Method: REG/AUD. Prerequisite: permission of department. — 3 credits

0101 Tu.....9:30am-12:10pm (TYD 1136) Unal, H

BMGT861 (PermReq) Seminar in Performance Appraisal and Training; Grade Method: REG/AUD. Prerequisite: BMGT 660 or permission of department. — 3 credits

0101 Th.....7:00pm- 9:40pm (TYD 0102) Taylor, M

BMGT865 (PermReq) Seminar in Comparative Theories of Organization; Grade Method: REG/AUD. Prerequisite: BMGT 764 or equivalent; or permission of department. — 3 credits

0101 Tu.....3:30pm- 6:10pm (TYD 1118) Wally, S

BMGT882 (PermReq) Applied Multivariate Analysis I; Grade Method: REG/AUD. Prerequisite: BMGT 733 or equivalent. — 3 credits

0101 Th.....3:30pm- 6:15pm (TYD 1132) Kotz, S

BMGT899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

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BOTN Botany (Life Sciences)

BOTN104 Plant Biology for Non-Science Students; Grade Method: REG/P-F/AUD. For non-science majors only. Not open to students who have completed BIOL 105. Formerly BOTN 100. Approved CORE Distributive Studies life science laboratory course only when taken concurrently with BOTN 105. Approved USP Distributive Studies Area B non-lab science and mathematics course. If taken with BOTN 105, course may be counted as USP Area B lab science course. — 3 credits

1001 MWF.....9:00am- 9:50am (HJP 0226) Reveal, J
2001 MWF.....10:00am-10:50am (HJP 0226) Berg, L
3001 TuTh.....11:00am-12:15pm (HJP 0226) Lockard, J

BOTN105 Laboratory in Plant Biology; Grade Method: REG/P-F/AUD. Pre- or corequisite: BOTN 104. For non-science majors only. Approved CORE Distributive Studies life science laboratory course only when taken concurrently with BOTN 104. — 1 credit

1101 M.....12:00pm- 3:00pm (HJP 1125) LAB STAFF
1102 M.....12:00pm- 3:00pm (HJP 3104) LAB STAFF
1105 M.....3:00pm- 6:00pm (HJP 3104) LAB STAFF
1106 M.....6:00pm- 9:00pm (HJP 3127) LAB STAFF
1107 Tu.....9:00am-12:00pm (HJP 3104) LAB STAFF
1108 Tu.....9:00am-12:00pm (HJP 3127) LAB STAFF
1109 Tu.....12:00pm- 3:00pm (HJP 3104) LAB STAFF
1110 Tu.....12:00pm- 3:00pm (HJP 3127) LAB STAFF
1112 Tu.....3:00pm- 6:00pm (HJP 3104) LAB STAFF
1113 Tu.....3:00pm- 6:00pm (HJP 3127) LAB STAFF
1114 Tu.....6:00pm- 9:00pm (HJP 3104) LAB STAFF
1116 W.....12:00pm- 3:00pm (HJP 3104) LAB STAFF
1117 W.....12:00pm- 3:00pm (HJP 3127) LAB STAFF
1119 W.....3:00pm- 6:00pm (HJP 3104) LAB STAFF
1120 W.....3:00pm- 6:00pm (HJP 3127) LAB STAFF
1121 W.....6:00pm- 9:00pm (HJP 3127) LAB STAFF
1122 Th.....9:00am-12:00pm (HJP 3127) LAB STAFF
1125 Th.....12:00pm- 3:00pm (HJP 3127) LAB STAFF
1127 Th.....3:00pm- 6:00pm (HJP 3104) LAB STAFF
1128 Th.....3:00pm- 6:00pm (HJP 3127) LAB STAFF
1130 F.....9:00am-12:00pm (HJP 3127) LAB STAFF

BOTN207 Plant Diversity; Grade Method: REG/P-F/AUD. Prerequisites: (BIOL 105 and BIOL 106) or permission of department Credit will be granted for only one of the following: BOTN 207 or BOTN 202. Formerly BOTN 202. — 4 credits

0101 MWF.....9:00am- 9:50am (HJP 2242) Cooke, T
W.....1:00pm- 4:00pm (HJP 2226) LAB
0102 MWF.....9:00am- 9:50am (HJP 2242) Cooke, T
Th.....1:00pm- 4:00pm (HJP 2226) LAB

BOTN211 Ecology and Mankind; Grade Method: REG/P-F/AUD. CORE Distributive Studies Life Science Course. USP Distributive Studies Area B Course. — 3 credits

0101 MWF.....11:00am-11:50am (CHM 1402) Koines, P

BOTN221 Introductory Plant Pathology; Grade Method: REG/P-F/AUD. Prerequisite: BIOL 105 or permission of department. — 4 credits

0101 TuTh.....8:00am- 9:50am (HJP 2242) Straney, D
TuTh.....10:00am-12:00pm (HJP 2230) LAB
0102 TuTh.....9:00am- 9:50am (HJP 2242) Straney, D
TuTh.....12:00pm- 2:00pm (HJP 2230) LAB

BOTN379 (PermReq) Honors Research Problems in Botany; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

BOTN398 Seminar; Grade Method: REG/P-F/AUD. — 1 credit

0101 W.....11:00am-11:50am (HJP 1216) Barnett, N

BOTN399 (PermReq) Research Problems in Botany; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

BOTN407 Teaching Methods in Botany; Grade Method: REG/P-F/AUD. Prerequisite: BIOL 105 or permission of department. — ? credits

0101 M.....4:00pm- 6:00pm (HJP 229) Berg, L

BOTN421 Principles of Plant Disease Management; Grade Method: REG/AUD. Prerequisite: BOTN 221 or equivalent. — 3 credits

0101 WF.....9:00am- 9:50am (HJP 1229) Steiner, P
F.....10:00am-11:50am (HJP 2230) LAB

BOTN441 Plant Physiology; Grade Method: REG/P-F/AUD. Prerequisites: BIOL 105; and CHEM 113. Recommended: Organic chemistry. — 4 credits

0101 TuTh.....10:00am-10:50am (HJP 2242) Barnett, N
M.....9:00am- 1:00pm (HJP 2226) LAB
0102 TuTh.....10:00am-10:50am (HJP 2242) Barnett, N
M.....1:00pm- 5:00pm (HJP 2226) LAB
0103 TuTh.....10:00am-10:50am (HJP 2242) Barnett, N
M.....6:00pm-10:00pm (HJP 2226) LAB
0104 TuTh.....10:00am-10:50am (HJP 2242) Barnett, N
Tu.....1:00pm- 5:00pm (HJP 2226) LAB
0105 TuTh.....10:00am-10:50am (HJP 2242) Barnett, N
Tu.....6:00pm-10:00pm (HJP 2226) LAB

BOTN620 (PermReq) Methods in Plant Tissue Culture; Grade Method: REG. Prerequisite: permission of both department and instructor. — 2 credits

0101 W.....1:00pm- 1:50pm (HJP 1229) Bottino, P
W.....2:00pm- 4:00pm (HJP 3213) LAB
0102 W.....1:00pm- 1:50pm (HJP 1229) Bottino, P
Th.....2:00pm- 4:00pm (HJP 3213) LAB

BOTN645 Growth and Development; Grade Method: REG/AUD. Prerequisite: BOTN 441. — 2 credits

0101 TuTh.....11:00am-11:50am (HJP 1229) Barnett, N

BOTN698B Seminar in Botany: Pathology; Grade Method: REG/AUD. — 1 credit

0101 W.....4:00pm- 4:50pm (HJP 1229) Straney, D

BOTN698C Seminar in Botany: Physiology; Grade Method: REG/AUD. — 1 credit

0101 Tu.....12:00pm-12:50pm (HJP 1216) Patterson, G

BOTN698D Seminar in Botany: Ecology; Grade Method: REG/AUD. — 1 credit

0101 Th.....4:00pm- 4:50pm (HJP 1229) Forseth Jr., I

BOTN698E Seminar in Botany: Mycology; Grade Method: REG/AUD. — 1 credit

0101 Time and room to be arranged Motta, J

BOTN698J Seminar in Botany: Genetics; Grade Method: REG/AUD. — 1 credit

0101 Tu.....9:00am- 9:50am (HJP 1216) Watson, J

BOTN698K Seminar in Botany: Plant Development; Grade Method: REG/AUD. — 1 credit

0101 Th.....1:00pm- 1:50pm (HJP 1216) Racusen, R

BOTN699A (PermReq) Special Problems in Botany: Cell Biology; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

BOTN699B (PermReq) Special Problems in Botany: Pathology; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

BOTN699C (PermReq) Special Problems in Botany: Physiology; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

BOTN699D (PermReq) Special Problems in Botany: Ecology; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

BOTN699E (PermReq) Special Problems in Botany: Mycology; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

BOTN699F (PermReq) Special Problems in Botany: Morphology; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

BOTN699G (PermReq) Special Problems in Botany: Phycology; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

BOTN699J (PermReq) Special Problems in Botany: Genetics; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

BOTN699K (PermReq) Special Problems in Botany: Molecular Biology; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

BOTN699L (PermReq) Special Problems in Botany: Genetic Variation and Genetic Interactions; Grade Method: REG/AUD. — 1 credit

0101 Time and room to be arranged Fenster, C

BOTN699M (PermReq) Special Problems in Botany: Plant Population Biology; Grade Method: REG/AUD. — 2 credits

0101 W.....2:00pm- 3:45pm (HJP 1216) Dudash, M

BOTN699N (PermReq) Special Problems in Botany: Plant Systematics; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

BOTN799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

BOTN899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

BSOS Behavioral and Social Sciences (Behavior & Social Sci)

BSOS386 Field Work; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: BSOS 387. 1-3 credits

BSOS387 Field Work Analysis; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: BSOS 386. 1-3 credits

CHEM Chemistry (Life Sciences)

CHEM001 Introduction to College Chemistry; Grade Method: REG/P-F/AUD. This course is recommended for students who do not qualify for MATH 110 or higher and who must take CHEM 103. Special fee. This course does not carry credit towards any degree at the University. The notation 2 credits is used only for billing and full-time or part-time status. If dropping course, see Withdrawal and Refund of Fees - Special Refund Deadlines in the Financial Information section of the Schedule of Classes. 2 credits

1105	MW	4:00pm- 4:50pm	(CHM 1402)	Walters, B
	Th	1:00pm- 1:50pm	(CHE 2140) DIS	
1107	MW	4:00pm- 4:50pm	(CHM 1402)	Walters, B
	Th	2:00pm- 2:50pm	(CHE 2140) DIS	

CHEM102 Chemistry of Our Environment; Grade Method: REG/P-F/AUD. CORE Distributive Studies Physical Science Laboratory Course. USP Distributive Studies Area B Course. Credit will be granted for only one of the following: CHEM 102, or CHEM 103, or CHEM 105,or CHEM 107, or CHEM 111, or CHEM 121. Laboratory sessions will begin after the first lecture. 4 credits

2114	MWF	11:00am-11:50am	(EGR 1202)	Ondov, J
	M	12:00pm- 2:50pm	(CHM 1215) LAB	
2121	MWF	11:00am-11:50am	(EGR 1202)	Ondov, J
	Tu	8:00am-10:50am	(CHM 1215) LAB	
2124	MWF	11:00am-11:50am	(EGR 1202)	Ondov, J
	Tu	12:00pm- 2:50pm	(CHM 1215) LAB	
2134	MWF	11:00am-11:50am	(EGR 1202)	Ondov, J
	W	12:00pm- 2:50pm	(CHM 1215) LAB	
2137	MWF	11:00am-11:50am	(EGR 1202)	Ondov, J
	W	3:00pm- 5:50pm	(CHM 1215) LAB	

CHEM103 General Chemistry I; Grade Method: REG/P-F/AUD. CORE Distributive Studies Physical Science Laboratory Course. USP Distributive Studies Area B Course. Recommended: CHEM 001 or placement in MATH 115 or higher. Credit will be granted for only one of the following: CHEM 102, CHEM 103, CHEM 105, CHEM 107, CHEM 111, CHEM 143. Laboratory sessions will begin after the first lecture. 4 credits

3114	MWF	8:00am- 8:50am	(CHM 1407)	Stewart, J
	M	12:00pm- 2:50pm	(CHM 1105) LAB	
	Tu	8:00am- 8:50am	(EGR 0102) DIS	
3115	MWF	8:00am- 8:50am	(CHM 1407)	Stewart, J
	M	12:00pm- 2:50pm	(CHM 1106) LAB	
	Tu	8:00am- 8:50am	(JMZ 1122) DIS	
3124	MWF	8:00am- 8:50am	(CHM 1407)	Stewart, J
	Tu	12:00pm- 2:50pm	(CHM 1105) LAB	
	Tu	8:00am- 8:50am	(EGR 3108) DIS	
3125	MWF	8:00am- 8:50am	(CHM 1407)	Stewart, J
	Tu	12:00pm- 2:50pm	(CHM 1112) LAB	
	Tu	8:00am- 8:50am	(EGR 0104) DIS	
3127	MWF	8:00am- 8:50am	(CHM 1407)	Stewart, J
	Tu	3:00pm- 5:50pm	(CHM 1105) LAB	
	Tu	8:00am- 8:50am	(CHE 2120) DIS	
3134	MWF	8:00am- 8:50am	(CHM 1407)	Stewart, J
	W	12:00pm- 2:50pm	(CHM 1105) LAB	
	Tu	9:00am- 9:50am	(EGR 0102) DIS	
3135	MWF	8:00am- 8:50am	(CHM 1407)	Stewart, J
	W	12:00pm- 2:50pm	(CHM 1106) LAB	
	Tu	9:00am- 9:50am	(JMZ 1122) DIS	
3141	MWF	8:00am- 8:50am	(CHM 1407)	Stewart, J
	Th	8:00am-10:50am	(CHM 1111) LAB	
	Tu	8:00am- 8:50am	(EGR 2102) DIS	
3144	MWF	8:00am- 8:50am	(CHM 1407)	Stewart, J
	Th	12:00pm- 2:50pm	(CHM 1105) LAB	
	Tu	9:00am- 9:50am	(EGR 3108) DIS	
3145	MWF	8:00am- 8:50am	(CHM 1407)	Stewart, J
	Th	12:00pm- 2:50pm	(CHM 1112) LAB	
	Tu	9:00am- 9:50am	(PHY 4220) DIS	
3147	MWF	8:00am- 8:50am	(CHM 1407)	Stewart, J
	Th	3:00pm- 5:50pm	(CHM 1105) LAB	
	Tu	9:00am- 9:50am	(CHE 2120) DIS	
3154	MWF	8:00am- 8:50am	(CHM 1407)	Stewart, J
	F	12:00pm- 2:50pm	(CHM 1109) LAB	
	Tu	8:00am- 8:50am	(ZOP 1228) DIS	
3214	MWF	10:00am-10:50am	(CHM 1407)	STAFF
	M	12:00pm- 2:50pm	(CHM 1119) LAB	
	Th	8:00am- 8:50am	(EGR 0102) DIS	
3215	MWF	10:00am-10:50am	(CHM 1407)	STAFF
	M	12:00pm- 2:50pm	(CHM 1110) LAB	
	Th	8:00am- 8:50am	(CHM 0128) DIS	
3216	MWF	10:00am-10:50am	(CHM 1407)	STAFF
	M	12:00pm- 2:50pm	(CHM 1112) LAB	
	Th	8:00am- 8:50am	(COL 3111) DIS	
3217	MWF	10:00am-10:50am	(CHM 1407)	STAFF
	M	3:00pm- 5:50pm	(CHM 1105) LAB	
	Th	8:00am- 8:50am	(JMZ 2120) DIS	
3224	MWF	10:00am-10:50am	(CHM 1407)	STAFF
	Tu	12:00pm- 2:50pm	(CHM 1106) LAB	
	Th	8:00am- 8:50am	(CHE 2120) DIS	
3227	MWF	10:00am-10:50am	(CHM 1407)	STAFF
	Tu	3:00pm- 5:50pm	(CHM 1109) LAB	
	Th	8:00am- 8:50am	(EGR 2102) DIS	
3234	MWF	10:00am-10:50am	(CHM 1407)	STAFF
	W	12:00pm- 2:50pm	(CHM 1109) LAB	
	Th	9:00am- 9:50am	(EGR 3108) DIS	
3235	MWF	10:00am-10:50am	(CHM 1407)	STAFF
	W	12:00pm- 2:50pm	(CHM 1110) LAB	
	Th	9:00am- 9:50am	(EGR 2102) DIS	
3236	MWF	10:00am-10:50am	(CHM 1407)	STAFF
	W	12:00pm- 2:50pm	(CHM 1112) LAB	
	Th	9:00am- 9:50am	(COL 3111) DIS	
3237	MWF	10:00am-10:50am	(CHM 1407)	STAFF
	W	3:00pm- 5:50pm	(CHM 1105) LAB	
	Th	9:00am- 9:50am	(PHY 4208) DIS	
3244	MWF	10:00am-10:50am	(CHM 1407)	STAFF
	Th	12:00pm- 2:50pm	(CHM 1106) LAB	
	Th	9:00am- 9:50am	(CHE 2120) DIS	
3247	MWF	10:00am-10:50am	(CHM 1407)	STAFF
	Th	3:00pm- 5:50pm	(CHM 1109) LAB	
	Th	9:00am- 9:50am	(CHE 2116) DIS	
3254	MWF	10:00am-10:50am	(CHM 1407)	STAFF
	F	12:00pm- 2:50pm	(CHM 1119) LAB	
	Th	8:00am- 8:50am	(EGR 3108) DIS	
3257	MWF	10:00am-10:50am	(CHM 1407)	STAFF
	F	3:00pm- 5:50pm	(CHM 1112) LAB	
	Th	9:00am- 9:50am	(COL 0100) DIS	
3314	MWF	11:00am-11:50am	(CHM 1407)	Ponnamperuma, C
	M	12:00pm- 2:50pm	(CHM 1111) LAB	
	Tu	10:00am-10:50am	(CHE 2145) DIS	
3324	MWF	11:00am-11:50am	(CHM 1407)	Ponnamperuma, C
	Tu	12:00pm- 2:50pm	(CHM 1109) LAB	
	Tu	10:00am-10:50am	(CHE 2120) DIS	
3327	MWF	11:00am-11:50am	(CHM 1407)	Ponnamperuma, C
	Tu	3:00pm- 5:50pm	(CHM 1110) LAB	
	Tu	10:00am-10:50am	(GEO 1120) DIS	
3328	MWF	11:00am-11:50am	(CHM 1407)	Ponnamperuma, C
	Tu	3:00pm- 5:50pm	(CHM 1111) LAB	
	Tu	10:00am-10:50am	(EGR 0102) DIS	
3329	MWF	11:00am-11:50am	(CHM 1407)	Ponnamperuma, C
	Tu	3:00pm- 5:50pm	(CHM 1112) LAB	
	Tu	10:00am-10:50am	(EGR 2102) DIS	
3334	MWF	11:00am-11:50am	(CHM 1407)	Ponnamperuma, C
	W	12:00pm- 2:50pm	(CHM 1111) LAB	
	Tu	11:00am-11:50am	(ARM 0101) DIS	
3335	MWF	11:00am-11:50am	(CHM 1407)	Ponnamperuma, C
	W	12:00pm- 2:50pm	(CHM 1119) LAB	
	Tu	11:00am-11:50am	(JMP 1109) DIS	
3344	MWF	11:00am-11:50am	(CHM 1407)	Ponnamperuma, C
	Th	12:00pm- 2:50pm	(CHM 1109) LAB	
	Tu	11:00am-11:50am	(CHE 2120) DIS	
3347	MWF	11:00am-11:50am	(CHM 1407)	Ponnamperuma, C
	Th	3:00pm- 5:50pm	(CHM 1110) LAB	
	Tu	11:00am-11:50am	(MTH B0425) DIS	
3348	MWF	11:00am-11:50am	(CHM 1407)	Ponnamperuma, C
	Th	3:00pm- 5:50pm	(CHM 1111) LAB	
	Tu	11:00am-11:50am	(CHE 2116) DIS	
3351	MWF	11:00am-11:50am	(CHM 1407)	Ponnamperuma, C
	F	8:00am-10:50am	(CHM 1111) LAB	
	Tu	10:00am-10:50am	(ZOP 1228) DIS	
3352	MWF	11:00am-11:50am	(CHM 1407)	Ponnamperuma, C
	F	8:00am-10:50am	(CHM 1110) LAB	
	Tu	10:00am-10:50am	(CHE 2116) DIS	
3354	MWF	11:00am-11:50am	(CHM 1407)	Ponnamperuma, C
	F	12:00pm- 2:50pm	(CHM 1111) LAB	
	Tu	11:00am-11:50am	(JMZ 2123) DIS	
3355	MWF	11:00am-11:50am	(CHM 1407)	Ponnamperuma, C
	F	12:00pm- 2:50pm	(CHM 1106) LAB	
	Tu	11:00am-11:50am	(EGR 2102) DIS	
3411	MWF	12:00pm-12:50pm	(CHM 1407)	Harwood, W
	M	8:00am-10:50am	(CHM 1105) LAB	
	Th	9:00am- 9:50am	(EGR 1124) DIS	
3412	MWF	12:00pm-12:50pm	(CHM 1407)	Harwood, W
	M	8:00am-10:50am	(CHM 1106) LAB	
	Th	9:00am- 9:50am	(CHM 0127) DIS	
3417	MWF	12:00pm-12:50pm	(CHM 1407)	Harwood, W
	M	3:00pm- 5:50pm	(CHM 1106) LAB	
	Th	9:00am- 9:50am	(EGR 2112) DIS	
3424	MWF	12:00pm-12:50pm	(CHM 1407)	Harwood, W
	Tu	12:00pm- 2:50pm	(CHM 1110) LAB	
	Th	9:00am- 9:50am	(EGR 1110) DIS	
3425	MWF	12:00pm-12:50pm	(CHM 1407)	Harwood, W
	Tu	12:00pm- 2:50pm	(CHM 1111) LAB	
	Th	9:00am- 9:50am	(ARM 0108) DIS	
3431	MWF	12:00pm-12:50pm	(CHM 1407)	Harwood, W
	W	8:00am-10:50am	(CHM 1105) LAB	
	Th	10:00am-10:50am	(CHE 2145) DIS	
3432	MWF	12:00pm-12:50pm	(CHM 1407)	Harwood, W
	W	8:00am-10:50am	(CHM 1112) LAB	
	Th	10:00am-10:50am	(CHE 2120) DIS	
3437	MWF	12:00pm-12:50pm	(CHM 1407)	Harwood, W
	W	3:00pm- 5:50pm	(CHM 1112) LAB	
	Th	10:00am-10:50am	(EGR 3108) DIS	
3444	MWF	12:00pm-12:50pm	(CHM 1407)	Harwood, W
	Th	12:00pm- 2:50pm	(CHM 1110) LAB	
	Th	10:00am-10:50am	(EGR 1124) DIS	
3445	MWF	12:00pm-12:50pm	(CHM 1407)	Harwood, W
	Th	12:00pm- 2:50pm	(CHM 1111) LAB	
	Th	10:00am-10:50am	(EGR 0102) DIS	
3447	MWF	12:00pm-12:50pm	(CHM 1407)	Harwood, W
	Th	3:00pm- 5:00pm	(CHM 1119) LAB	
	Th	10:00am-10:50am	(CHE 2116) DIS	
3451	MWF	12:00pm-12:50pm	(CHM 1407)	Harwood, W
	F	8:00am-10:50am	(CHM 1109) LAB	
	Th	9:00am- 9:50am	(EGR 0102) DIS	
3511	MWF	1:00pm- 1:50pm	(CHM 1407)	Boyd Jr., A
	M	8:00am-10:50am	(CHM 1110) LAB	
	Tu	2:00pm- 2:50pm	(EGR 0102) DIS	
3517	MWF	1:00pm- 1:50pm	(CHM 1407)	Boyd Jr., A
	M	3:00pm- 5:50pm	(CHM 1109) LAB	
	Tu	2:00pm- 2:50pm	(ARM 0108) DIS	
3518	MWF	1:00pm- 1:50pm	(CHM 1407)	Boyd Jr., A
	M	3:00pm- 5:50pm	(CHM 1119) LAB	
	Tu	2:00pm- 2:50pm	(EGR 1124) DIS	
3521	MWF	1:00pm- 1:50pm	(CHM 1407)	Boyd Jr., A
	Tu	8:00am-10:50am	(CHM 1105) LAB	
	Tu	2:00pm- 2:50pm	(ARM 0120) DIS	
3522	MWF	1:00pm- 1:50pm	(CHM 1407)	Boyd Jr., A
	Tu	8:00am-10:50am	(CHM 1106) LAB	
	Tu	2:00pm- 2:50pm	(EGR 2102) DIS	
3523	MWF	1:00pm- 1:50pm	(CHM 1407)	Boyd Jr., A
	Tu	8:00am-10:50am	(CHM 1119) LAB	
	Tu	2:00pm- 2:50pm	(CHE 2116) DIS	
3531	MWF	1:00pm- 1:50pm	(CHM 1407)	Boyd Jr., A
	W	8:00am-10:50am	(CHM 1109) LAB	
	Tu	3:00pm- 3:50pm	(EGR 2112) DIS	
3537	MWF	1:00pm- 1:50pm	(CHM 1407)	Boyd Jr., A
	W	3:00pm- 5:50pm	(CHM 1109) LAB	
	Tu	3:00pm- 3:50pm	(ARM 0108) DIS	
3538	MWF	1:00pm- 1:50pm	(CHM 1407)	Boyd Jr., A
	W	3:00pm- 5:50pm	(CHM 1119) LAB	
	Tu	3:00pm- 3:50pm	(EGR 1108) DIS	
3541	MWF	1:00pm- 1:50pm	(CHM 1407)	Boyd Jr., A
	Th	8:00am-10:50am	(CHM 1105) LAB	
	Tu	3:00pm- 3:50pm	(ARM 0120) DIS	
3542	MWF	1:00pm- 1:50pm	(CHM 1407)	Boyd Jr., A
	Th	8:00am-10:50am	(CHM 1106) LAB	
	Th	3:00pm- 3:50pm	(EGR 3108) DIS	
3544	MWF	1:00pm- 1:50pm	(CHM 1407)	Boyd Jr., A
	Th	12:00pm- 2:50pm	(CHM 1119) LAB	
	Tu	3:00pm- 3:50pm	(MTH 0302) DIS	
3617	MWF	2:00pm- 2:50pm	(CHM 1407)	Coplan, M
	M	3:00pm- 5:50pm	(CHM 1110) LAB	
	Th	2:00pm- 2:50pm	(ARM 0108) DIS	
3618	MWF	2:00pm- 2:50pm	(CHM 1407)	Coplan, M
	M	3:00pm- 5:50pm	(CHM 1111) LAB	
	Th	2:00pm- 2:50pm	(ARM 0120) DIS	
3619	MWF	2:00pm- 2:50pm	(CHM 1407)	Coplan, M
	M	3:00pm- 5:50pm	(CHM 1112) LAB	
	Th	2:00pm- 2:50pm	(EGR 2102) DIS	
3621	MWF	2:00pm- 2:50pm	(CHM 1407)	Coplan, M
	Tu	8:00am-10:50am	(CHM 1111) LAB	
	Th	2:00pm- 2:50pm	(CHM 0128) DIS	
3622	MWF	2:00pm- 2:50pm	(CHM 1407)	Coplan, M
	Tu	8:00am-10:50am	(CHM 1110) LAB	
	Th	2:00pm- 2:50pm	(CHE 2120) DIS	
3624	MWF	2:00pm- 2:50pm	(CHM 1407)	Coplan, M
	Tu	12:00pm- 2:50pm	(CHM 1119) LAB	
	Th	2:00pm- 2:50pm	(CHM 0119) DIS	
3627	MWF	2:00pm- 2:50pm	(CHM 1407)	Coplan, M
	Tu	3:00pm- 5:50pm	(CHM 1119) LAB	
	Th	3:00pm- 3:50pm	(CHE 2145) DIS	
3631	MWF	2:00pm- 2:50pm	(CHM 1407)	Coplan, M
	W	8:00am-10:50am	(CHM 1119) LAB	
	Th	3:00pm- 3:50pm	(CHE 2140) DIS	
3637	MWF	2:00pm- 2:50pm	(CHM 1407)	Coplan, M
	W	3:00pm- 5:50pm	(CHM 1110) LAB	
	Th	3:00pm- 3:50pm	(EGR 3108) DIS	
3638	MWF	2:00pm- 2:50pm	(CHM 1407)	Coplan, M
	W	3:00pm- 5:50pm	(CHM 1111) LAB	
	Th	3:00pm- 3:50pm	(ARM 0120) DIS	
3641	MWF	2:00pm- 2:50pm	(CHM 1407)	Coplan, M
	Th	8:00am-10:50am	(CHM 1109) LAB	
	Th	3:00pm- 3:50pm	(ARM 0108) DIS	
3642	MWF	2:00pm- 2:50pm	(CHM 1407)	Coplan, M
	Th	8:00am-10:50am	(CHM 1110) LAB	
	Th	3:00pm- 3:50pm	(CHM 0119) DIS	

CHEM103H General Chemistry I; Grade Method: REG/P-F/AUD. CORE Distributive Studies Physical Science Laboratory Course. USP Distributive Studies Area B Course. Recommended: CHEM 001 or placement in MATH 115 or higher. Credit will be granted for only one of the following: CHEM 102, CHEM 103, CHEM 105, CHEM 107, CHEM 111, CHEM 143. 4 credits

0314	MWF	10:00am-10:50am	(CHM 1402)	Miller, C
	M	12:00pm- 2:50pm	(CHM 1233) LAB	
	Th	8:00am- 8:50am	(ARM 0117) DIS	
0317	MWF	10:00am-10:50am	(CHM 1402)	Miller, C
	M	3:00pm- 5:50pm	(CHM 1233) LAB	
	Th	8:00am- 8:50am	(PHY 4220) DIS	
0321	MWF	10:00am-10:50am	(CHM 1402)	Miller, C
	Tu	8:00am-10:50am	(CHM 1233) LAB	
	Th	9:00am- 9:50am	(PHY 4220) DIS	
0324	MWF	10:00am-10:50am	(CHM 1402)	Miller, C
	Tu	12:00pm- 2:50pm	(CHM 1233) LAB	
	Th	9:00am- 9:50am	(ARM 0105) DIS	

CHEM113 General Chemistry II; Grade Method: REG/P-F/AUD. CORE Distributive Studies Physical Science Laboratory Course. USP Distributive Studies Area B Course. Prerequisite: CHEM 103 or CHEM 105. Credit will be granted for only one of the following: CHEM 113 or CHEM 115. Laboratory sessions will begin after the first lecture. 4 credits

4111	TuTh	8:00am- 9:15am	(CHM 1407)	Walters, W
	M	8:00am-10:50am	(CHM 1128) LAB	
	M	1:00pm- 1:50pm	(CHE 2116) DIS	
4117	TuTh	8:00am- 9:15am	(CHM 1407)	Walters, W
	M	3:00pm- 5:50pm	(CHM 1128) LAB	
	M	1:00pm- 1:50pm	(EGR 0110) DIS	
4124	TuTh	8:00am- 9:15am	(CHM 1407)	Walters, W
	Tu	12:00pm- 2:50pm	(CHM 1128) LAB	
	M	1:00pm- 1:50pm	(ARM 0108) DIS	
4131	TuTh	8:00am- 9:15am	(CHM 1407)	Walters, W
	W	8:00am-10:50am	(CHM 1128) LAB	
	M	2:00pm- 2:50pm	(ARM 0103) DIS	
4134	TuTh	8:00am- 9:15am	(CHM 1407)	Walters, W
	W	12:00pm- 2:50pm	(CHM 1128) LAB	
	M	2:00pm- 2:50pm	(PHY 1219) DIS	
4137	TuTh	8:00am- 9:15am	(CHM 1407)	Walters, W
	W	3:00pm- 5:50pm	(CHM 1128) LAB	
	M	2:00pm- 2:50pm	(ARM 0108) DIS	
4144	TuTh	8:00am- 9:15am	(CHM 1407)	Walters, W
	Th	12:00pm- 2:50pm	(CHM 1128) LAB	
	M	2:00pm- 2:50pm	(ARM 0102) DIS	
4154	TuTh	8:00am- 9:15am	(CHM 1407)	Walters, W
	F	12:00pm- 2:50pm	(CHM 1128) LAB	
	M	1:00pm- 1:50pm	(ARM 0102) DIS	
4214	TuTh	11:00am-12:15pm	(CHM 1407)	Tossell, J
	M	12:00pm- 2:50pm	(CHM 1208) LAB	
	W	1:00pm- 1:50pm	(ARM 0101) DIS	
4217	TuTh	11:00am-12:15pm	(CHM 1407)	Tossell, J
	M	3:00pm- 5:50pm	(CHM 1208) LAB	
	W	1:00pm- 1:50pm	(EGR 2112) DIS	
4221	TuTh	11:00am-12:15pm	(CHM 1407)	Tossell, J
	Tu	8:00am-10:50am	(CHM 1209) LAB	
	W	1:00pm- 1:50pm	(ARM 0108) DIS	
4227	TuTh	11:00am-12:15pm	(CHM 1407)	Tossell, J
	Tu	3:00pm- 5:50pm	(CHM 1208) LAB	
	W	1:00pm- 1:50pm	(EGR 1110) DIS	
4231	TuTh	11:00am-12:15pm	(CHM 1407)	Tossell, J
	W	8:00am-10:50am	(CHM 1208) LAB	
	W	2:00pm- 2:50pm	(PHY 1221) DIS	
4237	TuTh	11:00am-12:15pm	(CHM 1407)	Tossell, J
	W	3:00pm- 5:50pm	(CHM 1208) LAB	
	W	2:00pm- 2:50pm	(ARM 0108) DIS	
4247	TuTh	11:00am-12:15pm	(CHM 1407)	Tossell, J
	Th	3:00pm- 5:50pm	(CHM 1208) LAB	
	W	2:00pm- 2:50pm	(EGR 1110) DIS	
4254	TuTh	11:00am-12:15pm	(CHM 1407)	Tossell, J
	F	12:00pm- 2:50pm	(CHM 1208) LAB	
	W	2:00pm- 2:50pm	(ARM 0102) DIS	
4314	TuTh	12:30pm- 1:45pm	(CHM 1407)	STAFF
	M	12:00pm- 2:50pm	(CHM 1122) LAB	
	W	1:00pm- 1:50pm	(CHE 2116) DIS	
4327	TuTh	12:30pm- 1:45pm	(CHM 1407)	STAFF
	Tu	3:00pm- 5:50pm	(CHM 1122) LAB	
	W	1:00pm- 1:50pm	(EGR 3102) DIS	
4328	TuTh	12:30pm- 1:45pm	(CHM 1407)	STAFF
	Tu	3:00pm- 5:50pm	(CHM 1128) LAB	
	W	1:00pm- 1:50pm	(ARM 0102) DIS	
4347	TuTh	12:30pm- 1:45pm	(CHM 1407)	STAFF
	Th	3:00pm- 5:50pm	(CHM 1122) LAB	
	W	2:00pm- 2:50pm	(CHE 2120) DIS	
4348	TuTh	12:30pm- 1:45pm	(CHM 1407)	STAFF
	Th	3:00pm- 5:50pm	(CHM 1128) LAB	
	W	2:00pm- 2:50pm	(CHM 0115) DIS	
4354	TuTh	12:30pm- 1:45pm	(CHM 1407)	STAFF
	F	12:00pm- 2:50pm	(CHM 1122) LAB	
	W	2:00pm- 2:50pm	(EGR 2102) DIS	

CHEM143 General and Analytical Chemistry I; Grade Method: REG/P-F/AUD. Prerequisite: one year high school chemistry. For CHEM majors only. Credit will be granted for only one of the following: CHEM 103, CHEM 122, CHEM 132, CHEM 143. 5 credits

0031	MWF	9:00am- 9:50am	(CHM 0119)	Moore, J
	MW	1:00pm- 4:00pm	(CHM 1212) LAB	
	Tu	11:00am-11:50am	(EGR 2112) DIS	
0032	MWF	9:00am- 9:50am	(CHM 0119)	Moore, J
	TuTh	8:00am-10:50am	(CHM 1212) LAB	
	Tu	11:00am-11:50am	(HBK 0115) DIS	
0033	MWF	9:00am- 9:50am	(CHM 0119)	Moore, J
	TuTh	1:00pm- 4:00pm	(CHM 1212) LAB	
	Tu	11:00am-11:50am	(HZF 1102) DIS	

CHEM233 Organic Chemistry I; Grade Method: REG/P-F/AUD. Prerequisite: CHEM 113 or CHEM 153. Credit will be granted for only one of the following: CHEM 104, CHEM 233, CHEM 255. Laboratory sessions will begin after the first lecture. 4 credits

7114	MWF	9:00am- 9:50am	(CHM 1407)	Herndon, J
	M	12:00pm- 2:50pm	(CHM 1221) LAB	
	Tu	12:00pm-12:50pm	(JMP 1109) DIS	
7117	MWF	9:00am- 9:50am	(CHM 1407)	Herndon, J
	M	3:00pm- 5:50pm	(CHM 1227) LAB	
	Tu	12:00pm-12:50pm	(EGR 3102) DIS	
7121	MWF	9:00am- 9:50am	(CHM 1407)	Herndon, J
	Tu	8:00am-10:50am	(CHM 1227) LAB	
	Tu	12:00pm-12:50pm	(CHE 2145) DIS	
7122	MWF	9:00am- 9:50am	(CHM 1407)	Herndon, J
	Tu	8:00am-10:50am	(CHM 1221) LAB	
	Tu	12:00pm-12:50pm	(EGR 2102) DIS	
7127	MWF	9:00am- 9:50am	(CHM 1407)	Herndon, J
	Tu	3:00pm- 5:50pm	(CHM 1221) LAB	
	Tu	12:00pm-12:50pm	(CHM 2201) DIS	
7134	MWF	9:00am- 9:50am	(CHM 1407)	Herndon, J
	W	12:00pm- 2:50pm	(CHM 1227) LAB	
	Tu	1:00pm- 1:50pm	(EGR 3108) DIS	
7137	MWF	9:00am- 9:50am	(CHM 1407)	Herndon, J
	W	3:00pm- 5:50pm	(CHM 1227) LAB	
	Tu	1:00pm- 1:50pm	(CHE 2116) DIS	
7138	MWF	9:00am- 9:50am	(CHM 1407)	Herndon, J
	W	3:00pm- 5:50pm	(CHM 1221) LAB	
	Tu	1:00pm- 1:50pm	(EGR 2102) DIS	
7141	MWF	9:00am- 9:50am	(CHM 1407)	Herndon, J
	Th	8:00am-10:50am	(CHM 1227) LAB	
	Tu	1:00pm- 1:50pm	(ARM 0118) DIS	
7142	MWF	9:00am- 9:50am	(CHM 1407)	Herndon, J
	Th	8:00am-10:50am	(CHM 1221) LAB	
	Tu	1:00pm- 1:50pm	(ARM 0110) DIS	
7144	MWF	9:00am- 9:50am	(CHM 1407)	Herndon, J
	Th	12:00pm- 2:50pm	(CHM 1221) LAB	
	Tu	12:00pm-12:50pm	(CHE 2140) DIS	
7145	MWF	9:00am- 9:50am	(CHM 1407)	Herndon, J
	Th	12:00pm- 2:50pm	(CHM 1227) LAB	
	Tu	12:00pm-12:50pm	(EGR 2112) DIS	
7147	MWF	9:00am- 9:50am	(CHM 1407)	Herndon, J
	Th	3:00pm- 5:50pm	(CHM 1227) LAB	
	Tu	1:00pm- 1:50pm	(CHM 0128) DIS	
7154	MWF	9:00am- 9:50am	(CHM 1407)	Herndon, J
	F	12:00pm- 2:50pm	(CHM 1221) LAB	
	Tu	12:00pm-12:50pm	(EGR 3108) DIS	
7155	MWF	9:00am- 9:50am	(CHM 1407)	Herndon, J
	F	12:00pm- 2:50pm	(CHM 1227) LAB	
	Tu	12:00pm-12:50pm	(JMP 1202) DIS	
7157	MWF	9:00am- 9:50am	(CHM 1407)	Herndon, J
	F	3:00pm- 5:50pm	(CHM 1221) LAB	
	Tu	12:00pm-12:50pm	(SYM 1308) DIS	
7214	MWF	9:00am- 9:50am	(CHM 1402)	Ammon, H
	M	12:00pm- 2:50pm	(CHM 1227) LAB	
	Tu	12:00pm-12:50pm	(CHE 2120) DIS	
7217	MWF	9:00am- 9:50am	(CHM 1402)	Ammon, H
	M	3:00pm- 5:50pm	(CHM 1221) LAB	
	Tu	12:00pm-12:50pm	(CHE 2116) DIS	
7227	MWF	9:00am- 9:50am	(CHM 1402)	Ammon, H
	Tu	3:00pm- 5:50pm	(CHM 1227) LAB	
	Tu	12:00pm-12:50pm	(ARM 0108) DIS	
7234	MWF	9:00am- 9:50am	(CHM 1402)	Ammon, H
	W	12:00pm- 2:50pm	(CHM 1221) LAB	
	Tu	1:00pm- 1:50pm	(CHE 2120) DIS	
7247	MWF	9:00am- 9:50am	(CHM 1402)	Ammon, H
	Th	3:00pm- 5:50pm	(CHM 1221) LAB	
	Tu	1:00pm- 1:50pm	(EGR 1110) DIS	
7257	MWF	9:00am- 9:50am	(CHM 1402)	Ammon, H
	F	3:00pm- 5:50pm	(CHM 1227) LAB	
	Tu	1:00pm- 1:50pm	(ARM 0108) DIS	

CHEM233H Organic Chemistry I; Grade Method: REG/P-F/AUD. Prerequisite: CHEM 113 or CHEM 153. Credit will be granted for only one of the following: CHEM 104, CHEM 233, CHEM 255. 4 credits

0741	MWF	9:00am- 9:50am	(CHM 0128)	Jarvis, B
	Th	8:00am-10:50am	(CHM 1233) LAB	
	Tu	12:00pm-12:50pm	(CHM 0128) DIS	
0747	MWF	9:00am- 9:50am	(CHM 0128)	Jarvis, B
	Th	3:00pm- 5:50pm	(CHM 1233) LAB	
	Tu	1:00pm- 1:50pm	(EGR 3110) DIS	

CHEM243 Organic Chemistry II; Grade Method: REG/P-F/AUD. Prerequisite: CHEM 243 or CHEM 235. Credit will be granted for only one of the following: CHEM 243 or CHEM 245. Laboratory sessions will begin after the first lecture. 4 credits

8114	MWF	3:00pm- 3:50pm	(CHM 1407)	Kozarich, J
	M	12:00pm- 2:50pm	(CHM 1216) LAB	
	Th	12:00pm-12:50pm	(EGR 2102) DIS	
8124	MWF	3:00pm- 3:50pm	(CHM 1407)	Kozarich, J
	Tu	12:00pm- 2:50pm	(CHM 1224) LAB	
	Th	12:00pm-12:50pm	(CHE 2140) DIS	
8131	MWF	3:00pm- 3:50pm	(CHM 1407)	Kozarich, J
	W	8:00am-10:50am	(CHM 1216) LAB	
	Th	12:00pm-12:50pm	(CHE 2116) DIS	
8134	MWF	3:00pm- 3:50pm	(CHM 1407)	Kozarich, J
	W	12:00pm- 2:50pm	(CHM 1216) LAB	
	Th	1:00pm- 1:50pm	(ARM 0118) DIS	
8141	MWF	3:00pm- 3:50pm	(CHM 1407)	Kozarich

0101 MWF.....12:00pm-12:50pm (CHM 0128) Mignerey, A

CHEM441 Advanced Organic Chemistry; Grade Method: REG/P-F/AUD. Prerequisite: CHEM 481. 3 credits
0101 MWF.....8:00am- 8:50am (CHM 0128) Falvey, D

CHEM474 Environmental Chemistry; Grade Method: REG/P-F/AUD. Prerequisite: CHEM 481 or equivalent. 3 credits
0101 MWF.....1:00pm- 1:50pm (CHM 0128) Helz, G

CHEM481 Physical Chemistry I; Grade Method: REG/P-F/AUD. Prerequisite: CHEM 113 or CHEM 153; and MATH 141; and PHYS 142. 3 credi
0101 MWF.. ....8:00am- 8:50am (CHM 0115) Miller, G
0201 MWF.....9:00am- 9:50am (CHM 0115) Alexander, M

CHEM482 Physical Chemistry II; Grade Method: REG/P-F/AUD. Prerequisite: CHEM 481. 3 credits
0101 MWF.....8:00am- 8:50am (CHM 1402) Krisher, L

CHEM483 Physical Chemistry Laboratory I; Grade Method: REG/P-F/AUD. Corequisite: CHEM 481. 2 credits
0114 M.....2:00pm- 5:00pm (Arranged) LAB Weiner, J
M.....1:00pm- 1:50pm (CHM 1402) DIS
0124 Tu.....2:00pm- 5:00pm (Arranged) LAB Weiner, J
Tu.....1:00pm- 1:50pm (CHM 1402) DIS
0134 W.....2:00pm- 5:00pm (Arranged) LAB Weiner, J
W.....1:00pm- 1:50pm (CHM 1402) DIS
0144 Th.....2:00pm- 5:00pm (Arranged) LAB Weiner, J
Th.....1:00pm- 1:50pm (CHM 1402) DIS

CHEM484 Physical Chemistry Laboratory II; Grade Method: REG/P-F/AUD. Prerequisite: CHEM 481 and CHEM 483. Corequisite: CHEM 482. 2 credits
0124 Tu.....2:00pm- 5:00pm (Arranged) LAB Khanna, R
Tu.....1:00pm- 1:50pm (CHM 2201) DIS
0134 W.....2:00pm- 5:00pm (Arranged) LAB Khanna, R
W.....1:00pm- 1:50pm (CHM 2201) DIS

CHEM487 Computer Applications in the Biological and Chemical Sciences; Grade Method: REG/P-F/AUD. Prerequisite: CHEM 113 and CHEM 287 or equivalent; and knowledge of a scientific programming language (PASCAL, FORTRAN or "C"). One three-hour laboratory period will be arranged. 4 credits
0117 MWF.....11:00am-11:50am (CHM 0128) Murphy, T
Time and room to be arranged LAB
0137 MWF.....11:00am-11:50am (CHM 0128) Murphy, T
Time and room to be arranged LAB

CHEM492 Advanced Inorganic Chemistry Laboratory; Grade Method: REG/P-F/AUD. Corequisite: CHEM 401. 3 credits
0101 Tu.....11:00am-11:50am (CHM 2201) Grim, S
MW.....1:00pm- 5:00pm (CHM 1228) LAB
0201 Tu.....11:00am-11:50am (CHM 2201) Grim, S
TuTh.....1:00pm- 5:00pm (CHM 1228) LAB

CHEM498B Special Topics in Chemistry: The Periodic Table D and F Block Elements; Grade Method: REG/P-F/AUD. 3 credits
0101 MWF.....9:00am- 9:50am (CHM 0124) Boyd Jr., A

CHEM498C Special Topics in Chemistry: Computer Interfacing in Chemistry; Grade Method: REG/P-F/AUD. 3 credits
0101 TuTh.....10:00am-10:50am (CHM 0127) O'Haver, T
Tu.....1:00pm- 4:00pm (Arranged) LAB
0201 TuTh.....10:00am-10:50am (CHM 0127) O'Haver, T
Th.....1:00pm- 4:00pm (Arranged) LAB

CHEM601 Advanced Inorganic Chemistry I; Grade Method: REG/AUD. Prerequisite: CHEM 401 or equivalent. 3 credits
0101 MWF.....10:00am-10:50am (CHM 2201) Poli, R

CHEM608 Selected Topics in Inorganic Chemistry: Solid State Chemistry; Grade Method: REG/AUD. 1-3 credits
0101 TuTh.....9:30am-10:45am (CHM 0128) Eichhorn, B

CHEM625 Separation Methods in Quantitative Analysis; Grade Method: REG/AUD. Prerequisites: CHEM 421 and CHEM 482 or equivalent. 3 credits
0101 TuTh.....4:00pm- 5:15pm (CHM 2201) Freeman, D

CHEM640 Problems in Organic Reaction Mechanisms; Grade Method: REG/AUD. 1 credit
0101 F.....12:00pm-12:50pm (CHM 2201) Mariano, P

CHEM641 Organic Reaction Mechanisms; Grade Method: REG/AUD. 3 credits
0101 MWF.....8:00am- 8:50am (CHM 2201) Falvey, D

CHEM648A Special Topics in Organic Chemistry: Organic Synthesis using Organometallic Reagents; Grade Method: REG/AUD. 3 credits
0101 TuTh.....2:00pm- 3:45pm (CHM 2201) Deshong, P

CHEM648B Special Topics in Organic Chemistry: Electron Transfer Chemistry; Grade Method: REG/AUD. 2 credits
0101 MW.....12:00pm-12:50pm (CHM 2201) Mariano, P

CHEM684 Chemical Thermodynamics; Grade Method: REG/AUD. Prerequisite: CHEM 482 or equivalent. 3 credits
0101 MWF.....9:00am- 9:50am (CHM 2201) DeVoe, H

CHEM690 Quantum Chemistry I; Grade Method: REG/AUD. Prerequisite: CHEM 485. 3 credits
0101 MWF.....11:00am-11:50am (CHM 2201) Reutt, J

CHEM699 Special Problems in Chemistry; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Open only to non-thesis Master's degree candidates. 1-6 credits

CHEM799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

CHEM898A Seminar: Analytical, Nuclear and Environmental; Grade Method: REG/AUD. 1 credit
0101 F.....3:00pm- 3:50pm (CHM 0128) Kasler, F

CHEM898C Seminar: Inorganic; Grade Method: REG/AUD. 1 credit
0101 Tu.....2:00pm- 4:00pm (CHM 0128) Eichhorn, B

CHEM898D Seminar: Organic; Grade Method: REG/AUD. 1 credit
0101 Tu.....4:00pm- 6:00pm (CHM 0127) Kozarich, J

CHEM898E Seminar: Physical Chemistry; Grade Method: REG/AUD. 1 credit
0101 W.....4:00pm- 6:00pm (CHM 1325) STAFF

CHEM898F Seminar: Chemical Physics; Grade Method: REG/AUD. 1 credit
0101 W.....4:00pm- 6:00pm (CHM 1325) STAFF

CHEM898G Seminar: Physical Organic; Grade Method: REG/AUD. 1 credit
0101 Time and room to be arranged Falvey, D

CHEM898I Seminar: Organometallics in Organic Synthesis; Grade Method: REG/AUD. 1 credit
0101 Time and room to be arranged Herndon, J

CHEM898J Seminar: Natural Products; Grade Method: REG/AUD. 1 credit
0101 Time and room to be arranged Jarvis, B

CHEM898K Seminar: Photochemistry Mechanistics; Grade Method: REG/AUD. 1 credit
0101 Time and room to be arranged Mariano, P

CHEM898L Seminar: Photochemistry; Grade Method: REG/AUD. 1 cred
0101 Time and room to be arranged Mazzocchi, P

CHEM898M Seminar: Materials Chemistry; Grade Method: REG/AUD. 1 credit
0101 Time and room to be arranged Eichhorn, B

CHEM898N Seminar: Phosphorus Chemistry; Grade Method: REG/AUD. 1 credit
0101 Time and room to be arranged Grim, S

CHEM898O Seminar: Natural Water; Grade Method: REG/AUD. 1 credit
0101 Time and room to be arranged Helz, G

CHEM898P Seminar: Chemical Evolution; Grade Method: REG/AUD. 1 credit
0101 W.....4:00pm- 4:50pm (Arranged) Ponnamperuma, C

CHEM898Q Seminar: Bio-organic Mechanisms; Grade Method: REG/AUD. 1 credit
0101 Time and room to be arranged Kozarich, J

CHEM898R Seminar: Transition Metal Chemistry; Grade Method: REG/AUD. 1 credit
0101 Time and room to be arranged Poli, R

CHEM899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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CHIN Chinese (Arts and Humanities)

Non-Majors: please refer to the Foreign Language Placement Section of the Schedule of Classes.

CHIN101 Intensive Elementary Chinese I; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Non-majors admitted only after a placement interview. 6 credits
0101 MWF.....9:00am- 9:50am (COL 3109) Shen, H
MWF.....10:00am-10:50am (COL 3111) DIS
0102 MWF.....9:00am- 9:50am (COL 3109) Shen, H
MWF.....10:00am-10:50am (COL 3112) DIS
0201 MWF.....12:00pm-12:50pm (COL 3111) Shen, H
MWF.....1:00pm- 1:50pm (COL 3111) DIS
0202 MWF.....12:00pm-12:50pm (COL 3111) Shen, H
MWF.....1:00pm- 1:50pm (COL 3110) DIS

CHIN201 Intermediate Spoken Chinese I; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Prerequisite: CHIN 102 or equivalent. Non-majors admitted only after a placement interview. 3 credits
0101 MWF.....3:00pm- 3:50pm (JMZ 0120) Shen, H

CHIN202 Intermediate Written Chinese I; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Prerequisite: CHIN 103 or equivalent. Non-majors admitted only after a placement interview. 3 credits
0101 MWF. ....10:00am-10:50am (COL 3109) STAFF

CHIN213 Chinese Poetry into English: An Introduction; Grade Method: REG. CORE Distributive Studies Literature Course. USP Distributive Studies Area C Course. 3 credits
0101 MWF.....1:00pm 1:50pm (JMZ 2102) Sargent, S

CHIN301 Advanced Chinese I; Grade Method: REG/P-F/AUD. Prerequisite: CHIN 202 or equivalent. Non-majors admitted only after a placement interview. 3 credits
0101 MWF.....11:00am-11:50am (JMZ 1124) Brown, W

CHIN314 Chinese Fiction and Drama in Translation; Grade Method: REG/P-F. USP Distributive Studies Area C Course. 3 credits
0101 TuTh.....10:00am-11:30am (JMZ 1226) Yee, A

CHIN403 Classical Chinese I; Grade Method: REG/P-F/AUD. Prerequisite: CHIN 302. 3 credits
0101 MWF.....3:00pm- 3:50pm (JMZ 1103) Sargent, S

CHIN431 Translation and Interpretation I; Grade Method: REG. Prerequisite: CHIN 302 or equivalent and permission of department. 3 credits
0101 MWF.....2:00pm- 2:50pm (JMZ 0208) Brown, W

CHIN499 (PermReq) Directed Study in Chinese; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

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CHPH Chemical Physics (Comp, Math, & Phys Sci)

CHPH709A Seminar in Chemical Physics: Physical Chemistry; Grade Method: REG/AUD. 1 credit
0101 W.....4:00pm- 6:00pm (CHM 1325) STAFF

CHPH709B Seminar in Chemical Physics: Statistical Physics Seminar; Grade Method: REG/AUD. 1 credit
0101 Tu.....1:15pm- 2:30pm (IPT 1116) Fisher, M

CHPH718I (PermReq) Special Topics in Chemical Physics: Atomic and Molecular; Grade Method: REG/AUD. 3 credits
0101 Time and room to be arranged Clark, C

CHPH799 (PermReq) Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

CHPH899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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CJUS Institute of Criminal Justice and Criminology (Behavior & Social Sci)

CJUS100 Introduction to Law Enforcement; Grade Method: REG/P-F/AUD. USP Distributive Studies Area D Course. 3 credits
0101 TuTh.....2:00pm- 3:15pm (SHM 2102) Marciniak, E
0201 MWF.....1:00pm- 1:50pm (LEF 2205) Freeman, R

CJUS230 Criminal Law in Action; Grade Method: REG/P-F/AUD. 3 credits
0101 MWF.....9:00am- 9:50am (SHM 2101) Russell, K

CJUS234 Law of Criminal Investigation; Grade Method: REG/P-F/AUD. Prerequisite: CJUS 230. 3 credits
0101 TuTh.....9:30am-10:45am (ARM 0135) Russell, K

CJUS300 Criminological and Criminal Justice Research Methods; Grade Method: REG. Prerequisite: CJUS 100; and CRIM 220; and one of the following: SOCY 201, PSYC 200, ECON 321, BMGT 230, EDMS 451, or GVPT 422. 3 credits
0101 MWF.....1:00pm- 1:50pm (JMZ 0105) Brooks, L
0201 MWF.....10:00am-10:50am (LEF 2208) Brooks, L
0301 TuTh.....12:30pm- 1:45pm (LEF 0231) McDowall, D

CJUS320 Introduction to Criminalistics; Grade Method: REG/P-F/AUD. Prerequisite: CJUS 220. 3 credits
0101 MW.....6:00pm- 7:15pm (LEF 2166) Mauriello, T
MW.....6:00pm- 7:15pm (LEF 0208) LAB
0201 MW.....7:30pm- 8:45pm (LEF 2166) Mauriello, T
MW.....7:30pm- 8:45pm (LEF 0208) LAB

CJUS340 Concepts of Law Enforcement Administration; Grade Method: REG/P-F/AUD. Prerequisite: CJUS 100 or equivalent. 3 credits
0101 MWF.....12:00pm-12:50pm (JMZ 0220) Brooks, L

CJUS352 Drugs and Crime; Grade Method: REG/P-F/AUD. Prerequisite: CJUS 100. 3 credits
0101 TuTh.....2:00pm- 3:15pm (ARM 0112) STAFF

CJUS386 (PermReq) Field Work; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: CJUS 387. Prerequisites: junior standing by August 1991; a 3.2 cumulative GPA; and a grade of "A" in the course in which assisting. 1-3 credits

CJUS387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: CJUS 386. Prerequisites: junior standing by August 1991; a 3.2 cumulative GPA; and a grade of "A" in the course in which assisting. 1-3 credits

CJUS388H (PermReq) Independent Reading in Law Enforcement: Independent Reading Course in Criminal Justice; Grade Method: REG. For honor students only. 3 credits
0101 W.....3:00pm- 4:30pm (LEF 2220R) Wellford, C
Time and room to be arranged DIS
0501 W.....3:00pm- 4:30pm (LEF 2220R) Ingraham, B
Time and room to be arranged DIS

CJUS389H Independent Research in Law Enforcement; 3 credits
(PermReq) Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. For honors students only.

CJUS398 (PermReq) Law Enforcement Field Training; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisites: junior standing, majors only. 1-6 credits

CJUS399 (PermReq) Directed Independent Research; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisites: senior standing, majors only. 1-3 credits

CJUS444 Advanced Law Enforcement Administration; Grade Method: REG/P-F/AUD. Prerequisite: CJUS 340 or permission of department. 3 credits
0101 TuTh.....2:00pm- 3:15pm (LEF 2166) Sherman, L

CJUS498C (PermReq) Selected Topics in Criminal Justice: Police and Campus Interaction; Grade Method: REG/P-F/AUD. 3 credits
0101 MW.....3:30pm- 4:45pm (LEF 1201) Wellford, C

CJUS498D Selected Topics in Criminal Justice: Fundamental for Criminological Research; Grade Method: REG. 3 credits
0101 W.....4:00pm- 6:45pm (LEF 1220) Smith, D

CJUS600 Criminal Justice; Grade Method: REG/AUD. Prerequisites: admission to the graduate program in criminal justice or permission of department. 3 credits
0101 M.....4:00pm- 6:45pm (LEF 1222) Ingraham, B

CJUS630 Seminar in Criminal Law and Society; Grade Method: REG/AUD. Prerequisite: CJUS 230 or equivalent; and a course in introductory criminology. 3 credits
0101 Th.....4:00pm- 6:45pm (LEF 2220R) Simpson, S

CJUS699 Special Problems in Criminal Justice; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

CJUS699A Special Problems in Criminal Justice: Re-Inventing the Police; Grade Method: REG/AUD. 1-3 credits
0101 Tu.....4:00pm- 7:00pm (LEF 1222) Sherman, L

CJUS799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

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CLAS Classics (Arts and Humanities)

CLAS170 Greek and Roman Mythology; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area A Course. Taught in English. 3 credits
0101 MW.....11:00am-11:50am (SHM 2101) Staley, G
Th.....9:00am- 9:50am (ARM 0116) DIS
0102 MW.....11:00am-11:50am (SHM 2101) Staley, G
F.....10:00am-10:50am (KEY 0125) DIS
0103 MW.....11:00am-11:50am (SHM 2101) Staley, G
F.....11:00am-11:50am (KEY 0120) DIS
0104 MW.....11:00am-11:50am (SHM 2101) Staley, G
Th.....10:00am-10:50am (ARM 0118) DIS
0105 MW.....11:00am-11:50am (SHM 2101) Staley, G
Th.....11:00am-11:50am (COL 3112) DIS
0106 MW.....11:00am-11:50am (SHM 2101) Staley, G
F.....12:00pm-12:50pm (HZF 1108) DIS
0107 MW.....11:00am-11:50am (SHM 2101) Staley, G
F.....1:00pm- 1:50pm (KEY 0120) DIS
0108 MW.....11:00am-11:50am (SHM 2101) Staley, G
Th.....12:00pm-12:50pm (COL 3112) DIS
0109 MW.....11:00am-11:50am (SHM 2101) Staley, G
F.....9:00am- 9:50am (KEY 0119) DIS

CLAS309 Special Topics in Classical Literature: 3 credits
Greek and Roman Athletics; Grade Method: REG/P-F/AUD.
0101 MWF.....12:00pm-12:50pm (JMZ 1120) Lee, H

CLAS320 Women in Classical Antiquity; Grade Method: REG/P-F/AUD. CORE Advanced Studies Development of Knowledge Course. CORE Distributive Studies Cultural Diversity Course. USP Advanced Studies Development of Knowledge Course. 3 credits
0101 MWF.....3:00pm- 3:50pm (JMZ 0208) Doherty, L

CLAS470 Advanced Greek and Roman Mythology; Grade Method: REG/AUD. CORE Advanced Studies Development of Knowledge Course. USP Advanced Studies Development of Knowledge Course. Prerequisite: CLAS 170 or permission of department. 3 credits
0101 MWF.....2:00pm- 2:50pm (ASY 3215) Staley, G

CLAS499 Independent Study in Classical Languages and Literatures; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

CLAS699 (PermReq) Independent Study in Classical Civilization; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

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CMLT Comparative Literature (Arts and Humanities)

CMLT270 Global Literature and Social Change; Grade Method: REG. CORE Distributive Studies Literature Course. CORE Distributive Studies Cultural Diversity Course. 3 credits
0101 TuTh.....11:00am-12:15pm (HZF 1108) STAFF
0201 TuTh.....2:00pm- 3:15pm (HZF 1108) STAFF

CMLT479B Major Contemporary Authors: Literature by Women of Color; Grade Method: REG/P-F/AUD. 3 credits
0101 TuTh.....2:00pm- 3:15pm (SCP 1107) Ray, S

CMLT488A Genres: African-American Women Filmmakers; Grade Method: REG/P-F/AUD. 3 credits
0101 TuTh.....3:00pm- 5:00pm (TWS 2154) Coustaut, C

CMLT488B Genres: French Cinema: A Cultural Approach; Grade Method: REG/P-F/AUD. 3 credits
0101 M.....12:00pm-12:50pm (JMZ 0205) Hage, M
WF.....12:00pm-12:50pm (JMZ 0103)

CMLT488E Genres: Literary Criticism; Grade Method: REG. 3 credits
0101 MWF.....11:00am-11:50am (SCP 1121) Wang, O
0201 MWF.....1:00pm- 1:50pm (SCP 1119) Oxindine, A

CMLT488F Genres: Modern Drama; Grade Method: REG/P-F/AUD. 3 credits
0101 TuTh.....12:30pm- 1:45pm (SCP 1107) Bryer, J

CMLT488G Genres: Modern British and American Poetry; Grade Method: REG/P-F/AUD. 3 credits
0101 TuTh.....2:00pm- 3:15pm (SCP 1103) Holton, M

CMLT488Y Genres: The Italian Opera Libretto - in Italian; Grade Method: REG/P-F/AUD. 3 credits
0101 MWF.....10:00am-10:50am (JMZ 2122) Russell, C

CMLT498A Selected Topics in Comparative Literature: History of Theatrical Theory and Criticism; Grade Method: REG/P-F/AUD. 3 credits
0101 TuTh.....12:30pm- 1:45pm (COL 3109) Meersman, R

CMLT498B Selected Topics in Comparative Literature: Advanced Greek and Roman Mythology; Grade Method: REG/AUD. 3 credits
0101 MWF.....2:00pm- 2:50pm (ASY 3215) Staley, G

CMLT498M Selected Topics in Comparative Literature: Philosophy of Art; Grade Method: REG/AUD. 3 credits
0101 MWF.....12:00pm-12:50pm (ZOP 1243) Brown, J

CMLT498N Selected Topics in Comparative Literature: African-American Literature after 1965; Grade Method: REG/P-F/AUD. 3 credits

0101 TuTh.....2:00pm- 3:15pm (SCP 2117) Washington, M

CMLT498P Selected Topics in Comparative Literature: Topics in German Culture: Reason and Faith; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (JMZ 3203) Best, O

CMLT498S Selected Topics in Comparative Literature: Film Analysis - The Rhetoric of Fictional Worlds; Grade Method: REG. — 3 credits
0101 M.....6:30pm-10:00pm (KEY 0106) Miller, J
0201 W.....6:30pm-10:00pm (KEY 0106) Miller, J
0301 Tu.....6:30pm-10:00pm (KEY 0106) Miller, J

CMLT498T Selected Topics in Comparative Literature: Folksong and Ballad; Grade Method: REG/P-F/AUD. — 3 credits
0101 MWF.....11:00am-11:50am (SCP 1107) Pearson, B

CMLT498V Selected Topics in Comparative Literature: Afro - American Folklore and Culture; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....11:00am-12:15pm (SCP 1107) Fry, G

CMLT498X Selected Topics in Comparative Literature: Medieval Literary Modes and Modern Narrative; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....9:30am-10:45am (WDS 1130) Flieger, V

CMLT498Y Selected Topics in Comparative Literature: Cultural Themes in America: Culture and Mental Disorders in America; Grade Method: REG/AUD. — 3 credits
0101 TuTh.....9:30am-10:45am (SCP 1121) Caughey, J

CMLT498Z Selected Topics in Comparative Literature: The Age of Anxiety - Existentialism and the Absurd; Grade Method: REG/P-F/AUD. — 3 credits
0101 MWF.....11:00am-11:50am (JMZ 2123) Tarica, R

CMLT601 Problems in Comparative Literature; Grade Method: REG/AUD. Prerequisite: permission of department. Meets jointly with CMLT 801. — 3 credits
0101 W.....5:00pm- 7:30pm (SCP 1105) Lanser, S

CMLT639C (PermReq) Studies in the Renaissance: Renaissance and New Historicism; Grade Method: REG/AUD. — 3 credits
0101 Tu.....6:30pm- 9:00pm (SCP 3105) Dobin, H

CMLT639E Studies in the Renaissance: From Knight to Honnete Homme; Grade Method: REG/AUD. — 3 credits
0101 Tu.....2:30pm- 5:00pm (JMZ 2125) Falvo, G

CMLT649B (PermReq) Studies in Eighteenth Century Literature: Literary Biography; Grade Method: REG/AUD. — 3 credits
0101 Tu.....3:30pm- 6:00pm (SCP 3109) Winton, C

CMLT679A (PermReq) Seminar in Modern and Contemporary Literature: Sacred Monsters; Grade Method: REG/AUD. — 3 credits
0101 M.....1:00pm- 3:30pm (JMZ 1211) Fuegi, J

CMLT679G Seminar in Modern and Contemporary Literature: Twentieth Century Analytic Philosophy; Grade Method: REG. — 3 credits
0101 MW.....12:30pm- 1:45pm (JMP 1109) Odell, S

CMLT679J Seminar in Modern and Contemporary Literature: French Literary Criticism; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

CMLT679L (PermReq) Seminar in Modern and Contemporary Literature: Black Women Writers; Grade Method: REG/AUD. — 3 credits
0101 Th.....6:30pm- 9:00pm (SCP 4116) Washington, M

CMLT679M (PermReq) Seminar in Modern and Contemporary Literature: The Bible and Contemporary Literary Theory; Grade Method: REG/AUD. — 3 credits
0101 M.....3:30pm- 6:00pm (SCP 4116) Handelman, S

CMLT679N (PermReq) Seminar in Modern and Contemporary Literature: The Institutionalization of Post-Colonial Literatures; Grade Method: REG/AUD. — 3 credits
0101 Th.....6:30pm- 9:00pm (SCP 3105) Ray, S

CMLT679O Seminar in Modern and Contemporary Literature: Modern Literature Theory; Grade Method: REG/AUD. — 3 credits
0101 W.....6:30pm- 9:00pm (SCP 2119) Barry, J

CMLT679P Seminar in Modern and Contemporary Literature: Literary Research and Critical Contexts; Grade Method: REG/AUD. — 3 credits
0201 Th.....6:30pm- 9:00pm (SCP 1123) Marcuse, M
0401 Tu.....6:30pm- 9:00pm (SCP 1101) Grossman, M
0601 Tu.....6:30pm- 9:00pm (SCP 2121) Turner, M

CMLT679S (PermReq) Seminar in Modern and Contemporary Literature: Drama: The Violent Art; Grade Method: REG/AUD. — 3 credits
0101 M.....4:00pm- 6:30pm (JMZ 1211) Fuegi, J

CMLT679T (PermReq) Seminar in Modern and Contemporary Literature: Folklore and African-American Literature; Grade Method: REG/AUD. — 3 credits
0101 M.....6:30pm- 9:00pm (SCP 4116) Pearson, B

CMLT699 Independent Study; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

CMLT799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

CMLT801 (PermReq) Seminar in Themes and Types; Grade Method: REG/AUD. Prerequisite: permission of department. Meets jointly with CMLT 601. — 3 credits
0101 W.....5:00pm- 7:30pm (SCP 1105) Lanser, S

CMLT899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

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CMSC Computer Science (Comp, Math, & Phys Sci)

CMSC103 Introduction to Computing; Grade Method: REG/P-F/AUD. — 3 credits
0101 MWF.....11:00am-11:50am (CSS 2324) Fontana, M
0201 MWF.....12:00pm-12:50pm (CSS 2324) Fontana, M
0301 MWF.....2:00pm- 2:50pm (CSS 2324) Fontana, M
0401 TuTh.....9:30am-10:45am (JMZ 0220) Preston, D

CMSC107 Introduction to the UNIX Operating System; Grade Method: REG/P-F/AUD. Recommended: prior experience with computing. — 3 credits
0101 MWF.....9:00am- 9:50am (CSS 2324) Plane, J

CMSC110 Introduction to Fortran Programming; Grade Method: REG/P-F/AUD. CMSC majors need CMSC 112. — 4 credits
0101 MWF.....11:00am-11:50am (CLB 0111) Austing, R
MW.....3:00pm- 3:50pm (CLB 0109) DIS
0102 MWF.....11:00am-11:50am (CLB 0111) Austing, R
MW.....4:00pm- 4:50pm (CLB 0109) DIS

CMSC112 Computer Science I; Grade Method: REG/P-F/AUD. Pre- or corequisite: MATH 140. All sections of CMSC 112 will have group tests and a group final exam. Where a CMSC exam conflicts with another regularly scheduled class, the student will be provided with a make-up exam. — 4 credits
0101 TuTh.....3:30pm- 4:45pm (CLB 0111) Hendler, J
MW.....9:00am- 9:50am (CLB 0102) LAB
0102 TuTh.....3:30pm- 4:45pm (CLB 0111) Hendler, J
MW.....10:00am-10:50am (CLB 0102) LAB
0201 TuTh.....9:30am-10:45am (CSS 2324) Hendler, J
MW.....11:00am-11:50am (CLB 0102) LAB
0202 TuTh.....9:30am-10:45am (CSS 2324) Hendler, J
MW.....12:00pm-12:50pm (CLB 0102) LAB
0301 MWF.....12:00pm-12:50pm (CLB 0111) Plane, J
MW.....1:00pm- 1:50pm (CLB 0102) LAB
0302 MWF.....12:00pm-12:50pm (CLB 0111) Plane, J
MW.....2:00pm- 2:50pm (CLB 0102) LAB

CMSC113 Computer Science II; Grade Method: REG/P-F/AUD. CORE Distributive Studies Math or Formal Reasoning Laboratory Course. Prerequisites: a grade of C or better in CMSC 150; and (a grade of C or better in CMSC 112 or permission of department based on satisfactory performance on the computer science placement exam). Corequisite: MATH 141. Credit will be granted for only one of the following: CMSC 113 and CMSC 120. All sections of CMSC 113 will have group tests and a group final exam. Where a CMSC exam conflicts with another regularly scheduled class, the student will be provided with a make-up exam. — 4 credits
0101 TuTh.....11:00am-12:15pm (CSS 2324) Carson, S
MW.....11:00am-11:50am (CLB 0104) LAB
0103 TuTh.....11:00am-12:15pm (CSS 2324) Carson, S
MW.....12:00pm-12:50pm (CLB 0104) LAB
0201 TuTh.....2:00pm- 3:15pm (CSS 2324) Kaye, G
MW.....9:00am- 9:50am (CLB 0104) LAB
0202 TuTh.....2:00pm- 3:15pm (CSS 2324) Kaye, G
MW.....10:00am-10:50am (CLB 0104) LAB

CMSC120 Introduction to Pascal Programming; Grade Method: REG/P-F/AUD. Credit will be granted for only one of the following: CMSC 113 and CMSC 120. — 4 credits
0101 TuTh.....8:00am- 9:15am (CLB 0104) STAFF
MW.....8:00am- 8:50am (CLB 0104) LAB

CMSC150 Introduction to Discrete Structures; Grade Method: REG/P-F/AUD. CORE Distributive Studies Math or Formal Reasoning Course. Pre- or corequisite: MATH 140. Formerly CMSC 250. All sections of CMSC 150 will have group tests and a group final exam. Where a CMSC exam conflicts with another regularly scheduled class, the student will be provided with a make-up exam. — 3 credits
0101 TuTh.....11:00am-12:15pm (CLB 0111) Davis, L
0201 TuTh.....12:30pm- 1:45pm (CLB 0111) Roussopoulos, N
0301 TuTh.....3:30pm- 4:45pm (CSS 2324) Aloimonos, J

CMSC211 Assembly Language Programming; Grade Method: REG/P-F/AUD. Prerequisite: CMSC 113 or CMSC 120. — 3 credits
0101 MW.....2:00pm- 2:50pm (CLB 0109) STAFF
MW.....8:00am- 8:50am (CLB 0109) LAB

CMSC251 Algorithms; Grade Method: REG/P-F/AUD. Prerequisite: CMSC 112; and CMSC 150; and MATH 140; a grade of C or better in CMSC 150 and CMSC 112. — 3 credits
0101 TuTh.....9:30am-10:45am (CLB 0111) Nau, D
0201 MWF.....9:00am- 9:50am (CLB 0111) Kruskal, C

CMSC280 Computer Science III; Grade Method: REG/P-F/AUD. Prerequisite: CMSC 113 with a grade of "C" or better. Corequisite: CMSC 251. All sections of CMSC 280 will have group tests and a group final exam. When a CMSC exam conflicts with another regularly scheduled class, the student will be provided a make-up exam. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (CSS 2324) Shankar, A
0201 TuTh.....2:00pm- 3:15pm (CLB 0111) Pugh, W

CMSC311 (PermReq) Computer Organization; Grade Method: REG/P-F/AUD. Prerequisite: CMSC 280 with a grade of C or better. — 3 credits
0101 MWF.....1:00pm- 1:50pm (CLB 0111) Anderson, J

CMSC330 (PermReq) Organization of Programming Languages; Grade Method: REG/P-F/AUD. Prerequisite: CMSC 113 with grade of "C" or better. — 3 credits
0101 MW.....10:00am-10:50am (CLB 0111) Gannon, J
MW.....1:00pm- 1:50pm (CLB 0104) DIS
0102 MW.....10:00am-10:50am (CLB 0111) Gannon, J
MW.....2:00pm- 2:50pm (CLB 0104) DIS
0201 MW.....2:00pm- 2:50pm (CLB 0111) Gannon, J
MW.....3:00pm- 3:50pm (CLB 0102) DIS
0202 MW.....2:00pm- 2:50pm (CLB 0111) Gannon, J
MW.....4:00pm- 4:50pm (CLB 0102) DIS

CMSC386 (PermReq) Field Work; Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: CMSC 387. Prerequisite: written permission of instructor must be obtained in advance on departmental form. — 1 credit

CMSC387 (PermReq) Field Work Analysis; Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: CMSC 386. Prerequisite: written permission of instructor must be obtained in advance on department form. — 2 credits

CMSC390 (PermReq) Honors Paper; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: admission to CMSC Honors Program. — 3 credits

CMSC400 (PermReq) Introduction to Computer Systems and Software, Grade Method: REG/P-F/AUD. Prerequisite: MATH 141 and experience with a high-level programming language and (graduate standing or permission of department). Course is intended for graduate students in other disciplines. (CMSC 400 may not be counted for credit in the graduate or undergraduate program in computer science.) — 3 credits
0101 TuTh.....11:00am-12:15pm (CSS 2330) STAFF

CMSC411 (PermReq) Computer Systems Architecture; Grade Method: REG/P-F/AUD. Prerequisites: a grade of C or better in either CMSC 311 or CMSC 400; and permission of deparment. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (CLB 0102) Agrawala, A

CMSC412 (PermReq) Operating Systems; Grade Method: REG/P-F/AUD. Prerequisites: (a grade of C or better in CMSC 311 and CMSC 330) or a grade of C or better in CMSC 400; and permission of department. — 4 credits
0201 TuTh.....3:30pm- 4:45pm (CSS 2330) Carson, S
MW.....3:00pm- 3:50pm (CLB 0104) LAB
0202 TuTh.....3:30pm- 4:45pm (CSS 2330) Carson, S
MW.....4:00pm- 4:50pm (CLB 0104) LAB

CMSC420 (PermReq) Data Structures; Grade Method: REG/P-F/AUD. Prerequisites: a grade of C or better in CMSC 251 or CMSC 400; and permission of department. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (CLB 0102) Samet, H
0201 TuTh.....6:30pm- 7:45pm (ITV 1100) Shapiro, B

CMSC424 (PermReq) Database Design: Grade Method: REG/P-F/AUD. Prerequisite: CMSC 420 with a grade of C or better; and permission of department. Recommended: CMSC 450. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (EGR 2107) Minker, J

CMSC430 (PermReq) Theory of Language Translation; Grade Method: REG/P-F/AUD. Prerequisites: a grade of C or better in CMSC 330 or CMSC 400; and permission of department. — 3 credits
0101 TuTh.....11:00am-12:15pm (CLB 0104) Furuta, R
0201 TuTh.....8:00am- 9:15am (ITV 1100) Barth, C

CMSC434 (PermReq) Human Factors in Computer and Information Systems; Grade Method: REG/P-F/AUD. Prerequisites: CMSC 330 with a grade of C or better and PSYC 100 and STAT 400 and permission of department. — 3 credits
0101 TuTh.....9:30am-10:45am (EGR 3140) Shneiderman, B

CMSC435 (PermReq) Software Design and Development; Grade Method: REG/P-F/AUD. Prerequisites: a grade of C or better in CMSC 420 and CMSC 430; and permission of department. — 3 credits
0101 TuTh.....11:00am-12:15pm (CLB 0102) Purtilo, J

CMSC450 (PermReq) Elementary Logic and Algorithms; Grade Method: REG/P-F/AUD. Prerequisite: MATH 240. Also offered as MATH 444. Credit will be granted for only one of the following: MATH 444 or CMSC 450. — 3 credits
0101 MWF.....10:00am-10:50am (MTH 0105) Owings Jr., J
0201 MWF.....11:00am-11:50am (MTH 0105) Green, P

CMSC451 (PermReq) Design and Analysis of Computer Algorithms; Grade Method: REG/P-F/AUD. Prerequisites: a grade of C or better in CMSC 113 and CMSC 251 and; permission of department. — 3 credits
0101 TuTh.....9:30am-10:45am (CLB 0102) Miller, R
0201 TuTh.....12:30pm- 1:45pm (ITV 1111) Mount, D

CMSC460 (PermReq) Computational Methods; Grade Method: REG/P-F/AUD. Prerequisites: [a grade of C or better in MATH 240 and MATH 241]; and [CMSC 110 or CMSC 113]; and permission of department. Also offered as MAPL 460. Credit will be granted for only one of the following: CMSC/MAPL 460 or CMSC/MAPL 466. — 3 credits
0101 MWF.....11:00am-11:50am (MTH 0106) Glaz, H
0201 TuTh.....11:00am-12:15pm (MTH 0407) Hummel, J

CMSC466 (PermReq) Introduction to Numerical Analysis I; Grade Method: REG/P-F/AUD. Prerequisites: [a grade of C or better in MATH 240 and MATH 241]; and [CMSC 110 or CMSC 113]; and permission of department. Also offered as MAPL 466. Credit will be granted for only one of the following: CMSC/MAPL 460 or CMSC/MAPL 466. — 3 credits
0201 TuTh.....11:00am-12:15pm (MTH 0301) Nochetto, R

CMSC475 (PermReq) Combinatorics and Graph Theory; Grade Method: REG/P-F/AUD. Prerequisites: MATH 240 and MATH 241. Also offered as MATH 475. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (MTH 0301) Lipsman, R

CMSC498A (PermReq) Special Problems in Computer Science; Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: written permission of instructor required in advance on departmental form. — 1-3 credits

CMSC612 (PermReq) Computer Systems Theory; Grade Method: REG/AUD. Prerequisites: CMSC 411; and CMSC 412; and STAT 400. — 3 credits
0101 TuTh.....9:30am-10:45am (CLB 0104) Salem, K

CMSC620 (PermReq) Problem Solving Methods in Artificial Intelligence; Grade Method: REG/AUD. Prerequisites: CMSC 420; and CMSC 450. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (CSS 2330) Subrahmanian, V

CMSC624 (PermReq) Database Management Systems; Grade Method: REG/AUD. Prerequisite: CMSC 424 or permission of instructor. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (CLB 0104) Mark, L

CMSC630 (PermReq) Theory of Programming Languages; Grade Method: REG/AUD. Prerequisite: CMSC 430. — 3 credits
0101 TuTh.....11:00am-12:15pm (CLB 0109) Zelkowitz, M

CMSC650 (PermReq) Theory of Computing; Grade Method: REG/AUD. Prerequisite: CMSC 452. — 3 credits
0101 TuTh.....3:30pm- 4:45pm (CLB 0102) Smith, C

CMSC666 (PermReq) Numerical Analysis I; Grade Method: REG/AUD. Prerequisites: CMSC/MAPL 466; and MATH 410. Also offered as MAPL 666. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (CLB 0104) Stewart, G

CMSC710 (PermReq) Performance Evaluation of Computer Systems; Grade Method: REG/AUD. Prerequisite: CMSC 412, MATH 141, and STAT 400 or equivalent. — 3 credits
0101 TuTh.....3:30pm- 4:45pm (CLB 0109) Shankar, A

CMSC727 Connectionist Models of Intelligent Systems; Grade Method: REG/AUD. Prerequisites: MATH 240 and MATH 241; and permission of instructor. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (CLB 0109) Reggia, J

CMSC798A (PermReq) Graduate Seminar in Computer Science; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: permission of instructor. — 1-3 credits

CMSC799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

CMSC818A (PermReq) Advanced Topics in Computer Systems; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: permission of instructor. — 1-3 credits

CMSC818E (PermReq) Advanced Topics in Computer Systems: High Performance Computing; Grade Method: REG/AUD. Prerequisite: permission of instructor. — 1-3 credits
0101 Tu.....3:30pm- 5:30pm (CSS 2352) Elman, H

CMSC818G (PermReq) Advanced Topics in Computer Systems: Topics in Real Time Systems; Grade Method: REG/AUD. — 1-3 credits
0101 TuTh.....2:00pm- 3:15pm (Arranged) Gerber, R

CMSC818R (PermReq) Advanced Topics in Computer Systems; Grade Method: REG/AUD. — 1-3 credits
0101 TuTh.....9:30am-10:45am (ITV 1111) Ricart, G

CMSC818S (PermReq) Advanced Topics in Computer Systems: Performance Evaluations of Computer Systems; Grade Method: REG/AUD. — 1-3 credits
0101 TuTh.....3:30pm- 4:45pm (CLB 0109) Shankar, A

CMSC828A (PermReq) Advanced Topics in Information Processing; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: permission of instructor. — 1-3 credits

CMSC828B (PermReq) Advanced Topics in Information Processing: Human Factors in Computer and Information Systems; Grade Method: REG/AUD. — 1-3 credits
0101 TuTh.....9:30am-10:45am (EGR 3140) Shneiderman, B

CMSC828D (PermReq) Advanced Topics in Information Processing: Computational Linguistics; Grade Method: REG/AUD. — 1-3 credits
0101 W.....10:00am-12:30pm (CLB 0109) Dorr, B

CMSC828F (PermReq) Advanced Topics in Information Processing: Advanced Databases: File Structures; Grade Method: REG/AUD. — 1-3 credits
0101 W.....3:00pm- 5:30pm (CLB 0111) Faloutsos, C

CMSC828K (PermReq) Advanced Topics in Information Processing: Topics in Parallel Computation; Grade Method: REG/AUD. — 1-3 credits
0101 W.....2:00pm- 4:30pm (CSS 2330) Kruskal, C

CMSC828S (PermReq) Advanced Topics in Information Processing: Spatial Databases and Geographical Information Systems; Grade Method: REG/AUD. — 1-3 credits
0101 TuTh.....3:30pm- 4:45pm (CLB 0104) Samet, H

CMSC838A (PermReq) Advanced Topics in Programming Languages; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: permission of instructor. — 1-3 credits

CMSC838P (PermReq) Advanced Topics in Programming Languages; Grade Method: REG/AUD. — 1-3 credits
0101 M.....9:00am-11:30am (CLB 0109) Rombach, H

CMSC858A (PermReq) Advanced Topics in Theory of Computing; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: permission of instructor. — 1-3 credits

CMSC878A (PermReq) Advanced Topics in Numerical Methods; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: permission of instructor. — 1-3 credits

CMSC878E (PermReq) Advanced Topics in Numerical Methods: High Performance Computing; Grade Method: REG/AUD. Prerequisite: permission of instructor. — 1-3 credits
0101 Tu.....3:30pm- 5:30pm (CSS 2352) Elman, H

CMSC899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

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CNEC Consumer Economics (Human Ecology)

CNEC100 Introduction to Consumer Economics; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D Course. — 3 credits
0101 MWF.....8:00am- 8:50am (MTH 1400) Hacklander, E

CNEC298 (PermReq) Special Topics: Special Topics; Grade Method: REG/P-F/AUD. — 1-3 credits

Course Listings Continued on page 58

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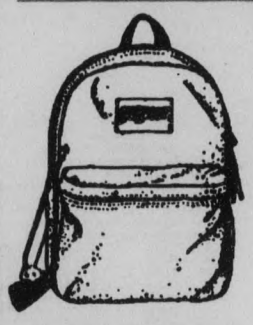

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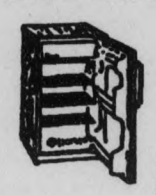

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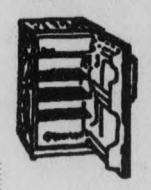

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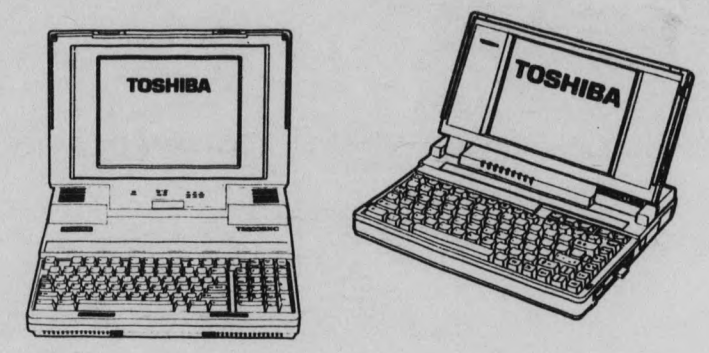

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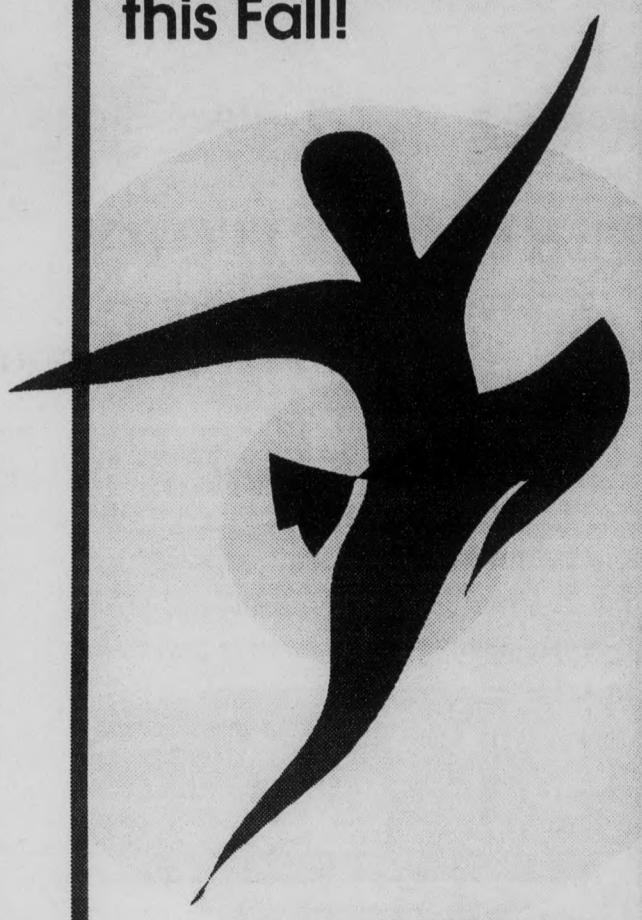

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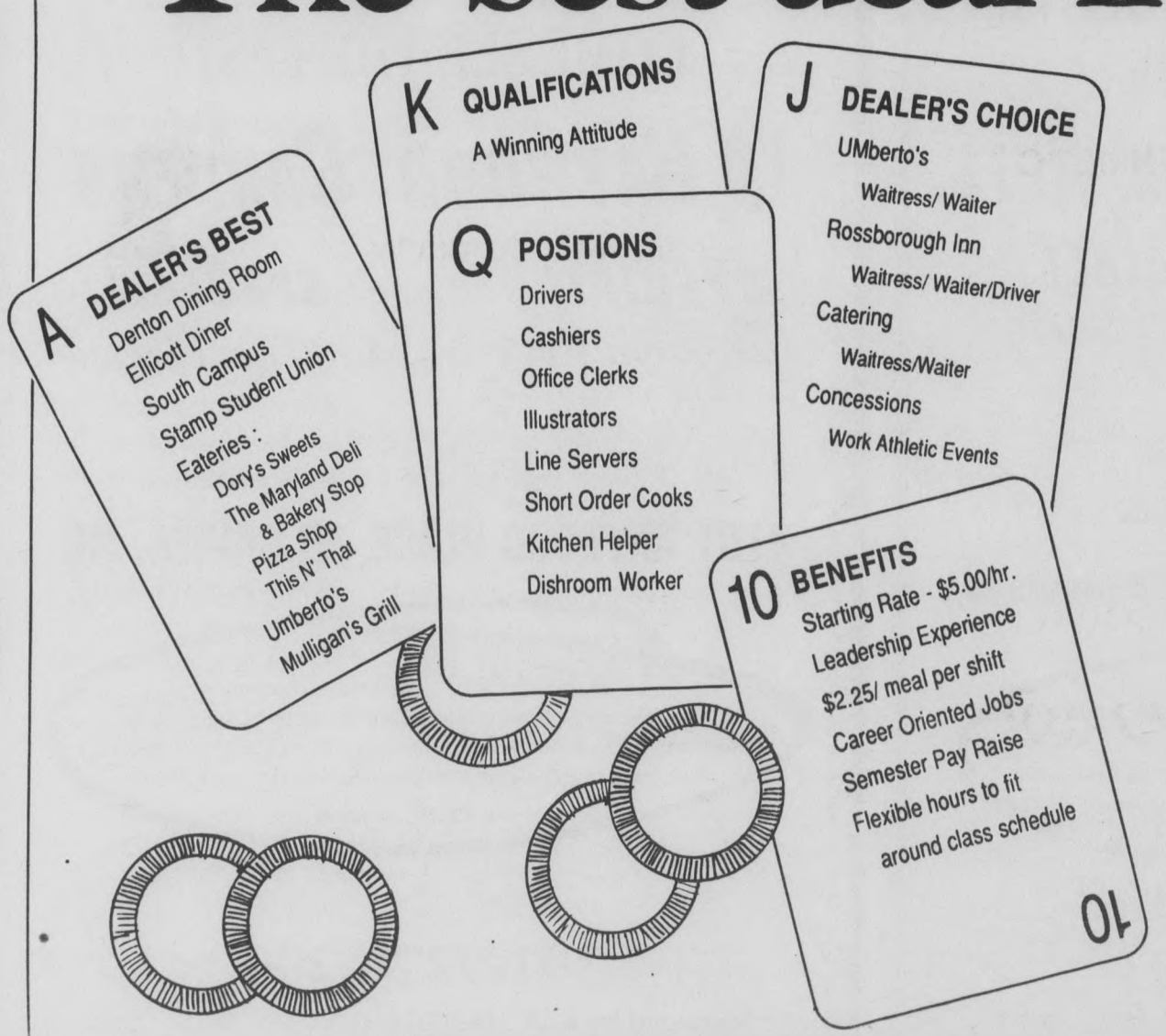

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JOB OPPORTUNITIES

It's not too early to be thinking about a part-time job for the spring semester. CRS is *now hiring* for the following positions:

- **Aerobic Leaders**
- **Artists**
- **Facility Monitors**
- **Intramural Sports Officials**
- **Lifeguards**
- **Publicity Assistants**
- **Tournament Coordinators**
- **Utility Workers**
- **Water Aerobic Leaders**

All positions are on campus and the hours are flexible to fit around your class schedule. So, apply at the CRS Office TODAY.

FOR MORE INFORMATION:
Call 314-7218 or stop by the CRS Office, Reckord Armory #1104.

CAMPUS RECREATION SERVICES University of Maryland

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★ STRICT CONFIDENTIALITY ★

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- VENEREAL DISEASE TESTING & TREATMENT
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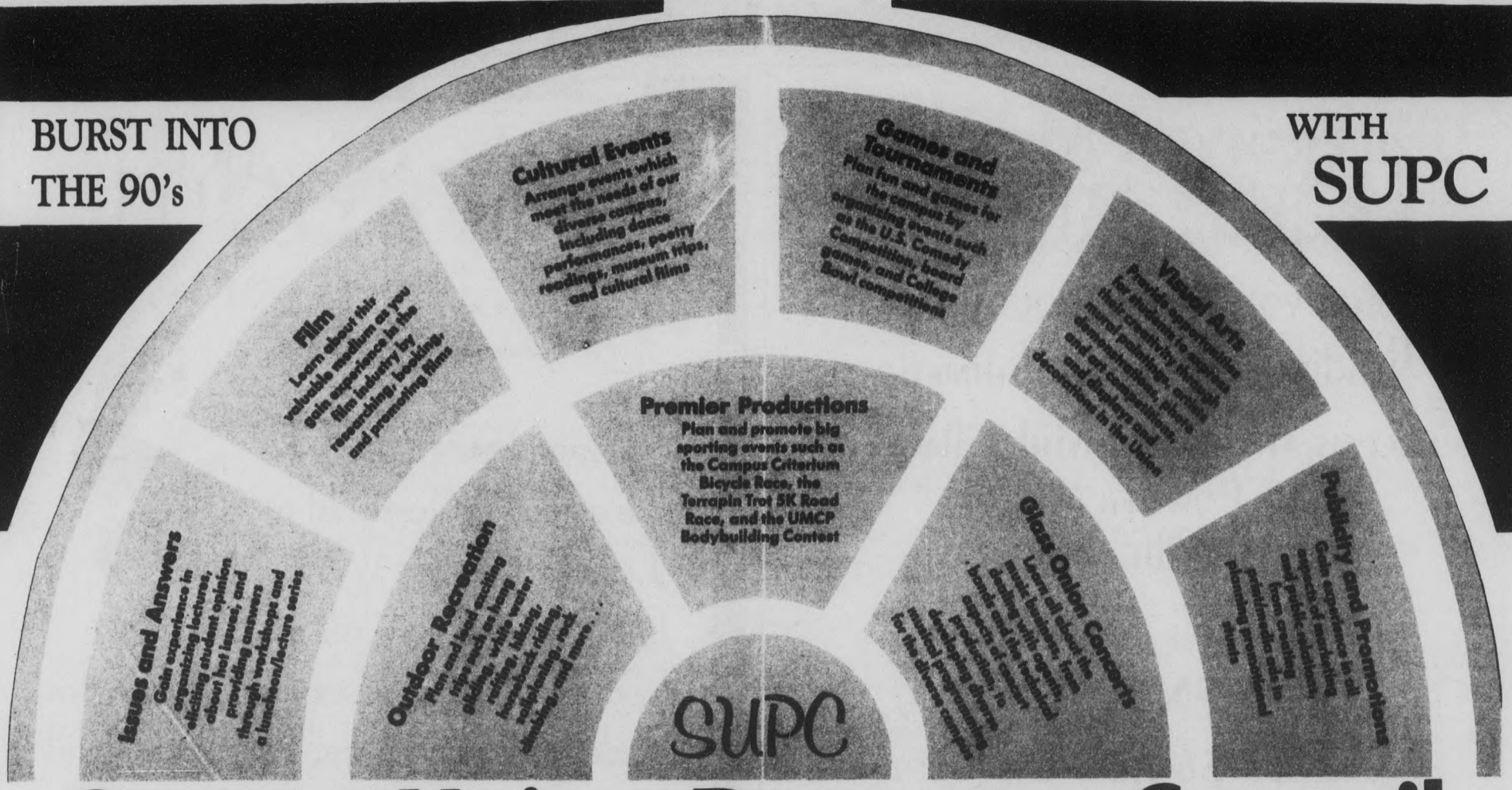

Stamp Union Program Council

The Stamp Union Program Council (SUPC) is a volunteer student organization that provides the University of Maryland community with a diverse range of activities and programs, available for all to take advantage of. With SUPC, you will meet many exciting people, make new friends, and get the one thing you can't get in class . . . real experience! Whether it be getting involved in one of our nine different committees or attending one of the 200 programs produced each year, SUPC has a place and a need for you. Become a part of one of the largest campus organizations that ''makes it happen at UMCP.''

SUPC is located in the lower level of the Stamp Student Union, Room 0221, just down the hall from the Hoff Theater. Stop by, or give us a call at 314-8494.

Yes, I want to know more about the following committees:

_____ Cultural Events
_____ Film
_____ Games & Tournaments
_____ Glass Onion Concerts
_____ Issues & Answers
_____ Outdoor Recreation
_____ Premier Productions
_____ Publicity & Promotions
_____ Visual Arts

Name: _____
Phone: (___) _____
Address: _____

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Watercolors -- Winsor & Newton, Grumbacher, Liquitex

Brushes -- Creative Mark, Winsor & Newton, Grumbacher, Langnickle, Robert Simmons

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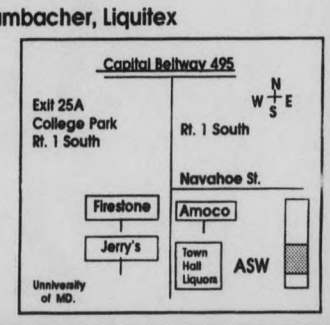

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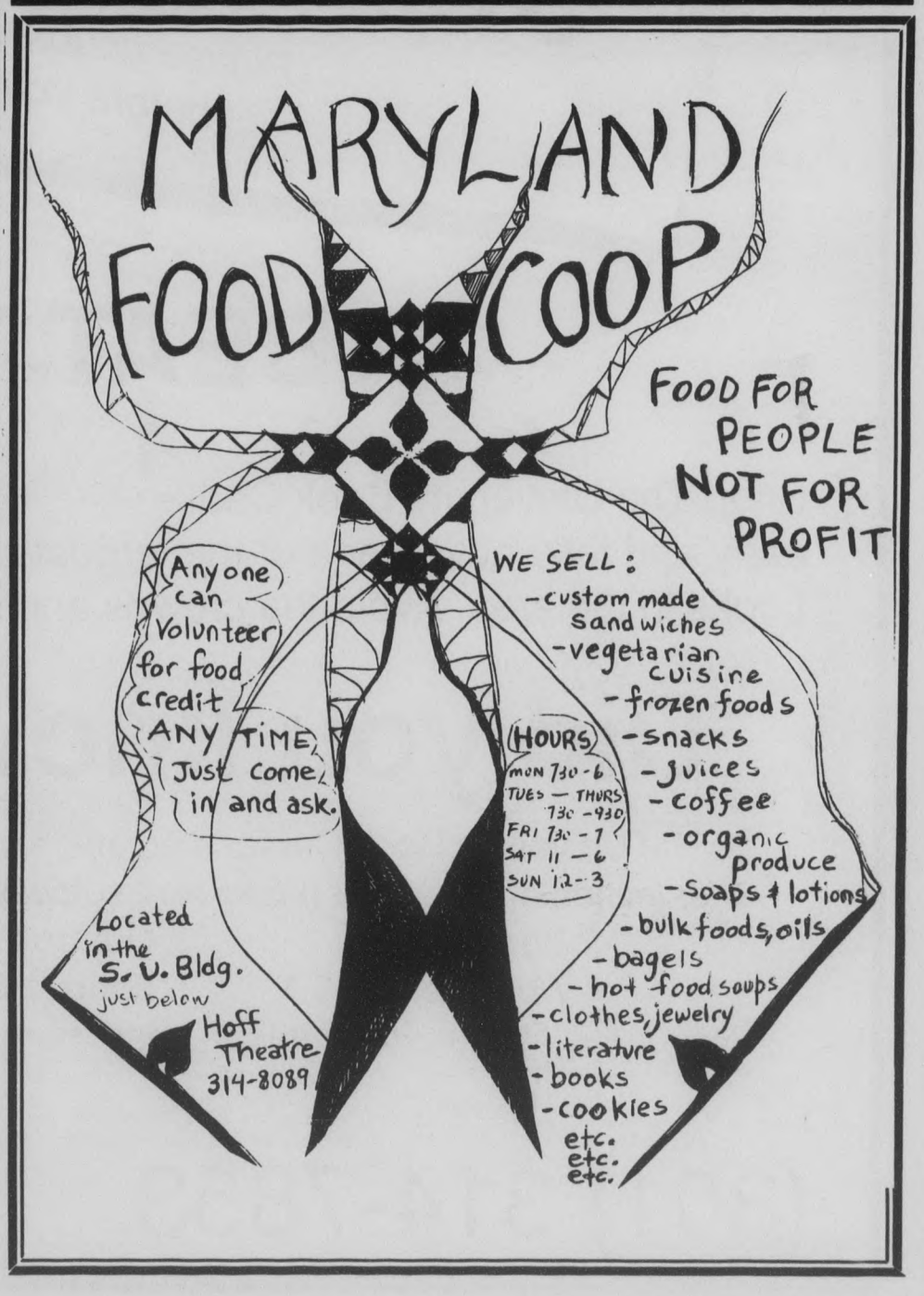

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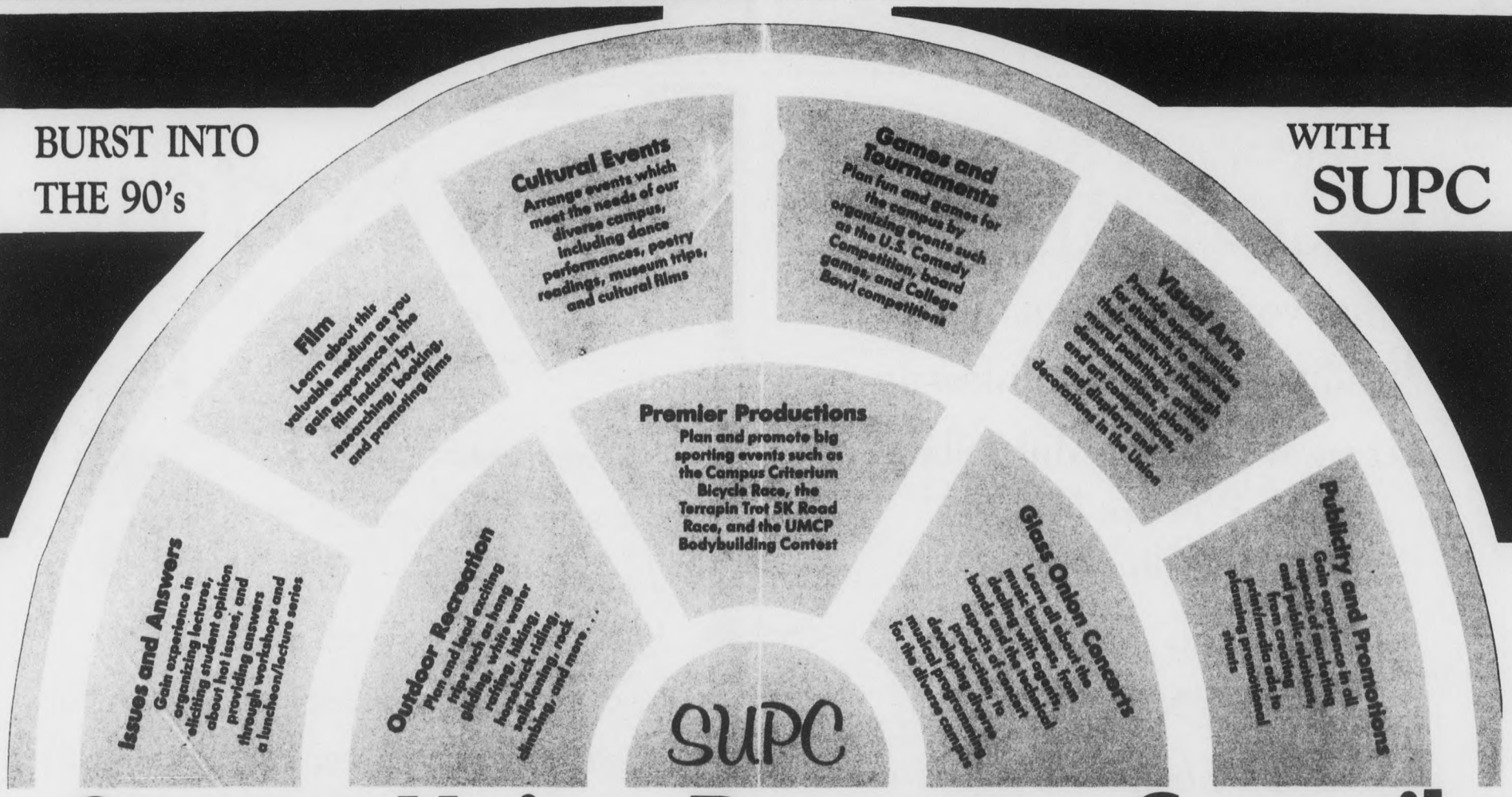

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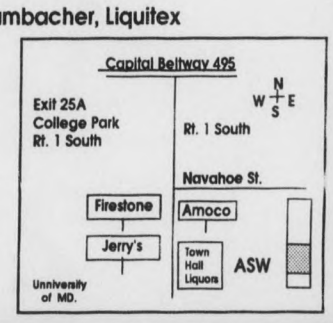

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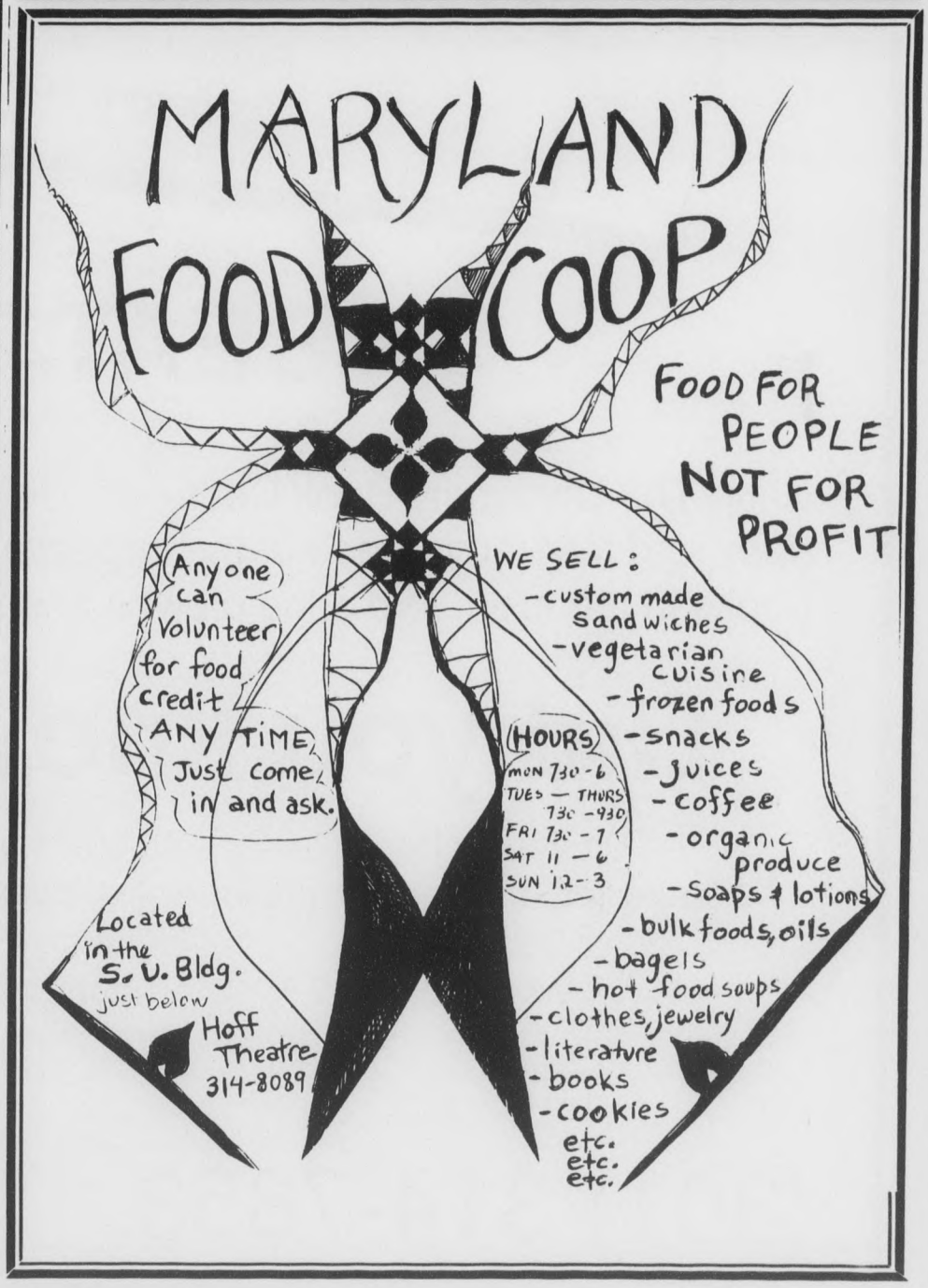

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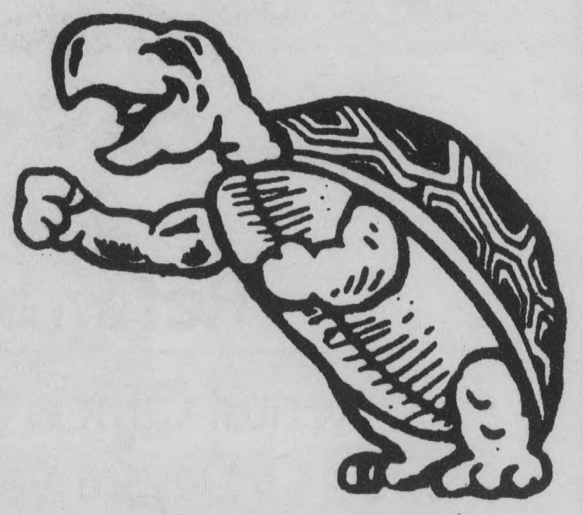

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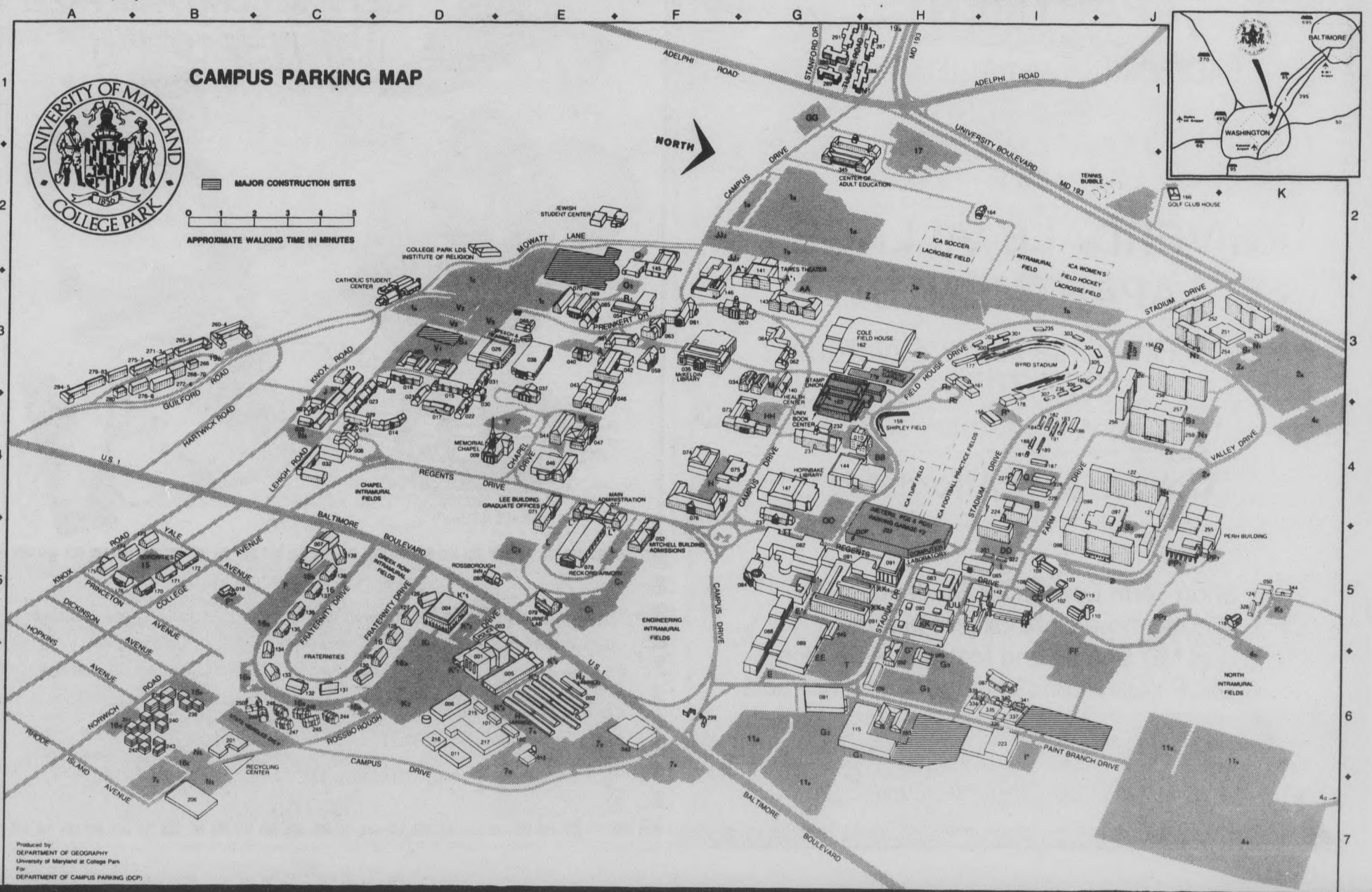
ALPHABETICAL DIRECTORY OF BUILDINGS

024	Allegany Hall (Residence)	C-4
108-110	Animal Barns	I-5
104	Animal Sciences Annex	I-5
142	Animal Sciences Bldg	H-5
060	Anne Arundel Hall (Residence)	G-3
156	Apiary	J-3
145	Architecture Bldg	F-2
146	Art-Sociology Bldg	F-3
092	Asphalt Institute	H-6
115	A.V. Williams	H-6
016	Baltimore Hall (Residence)	D-3
099	Bel Air Hall (Residence)	J-5
143	Benjamin Hall (Education)	G-3
160	Byrd Stadium	I-3
161	Byrd Stadium, Center Bldg	H-3
015	Calvert Hall (Residence)	D-3
096	Cambridge Hall (Residence)	I-4
343	Campus Mail Facility	F-6
070	Caroline Hall (Residence)	E-3
065	Carroll Hall (Residence)	E-3
017	Cecil Hall (Residence)	D-4
345	Center of Adult Education	G-2
001	Central Heating Plant	D-6
206	Central Receiving Warehouse	B-7
098	Centreville Hall (Residence)	J-5
025	Charles Hall (Residence)	C-4
090	Chemical and Nuclear Engineering Bldg	H-5
091	Chemistry Bldg	G-5
121	Chestertown Hall (Residence)	J-4
106	Classroom Bldg	H-6
162	Cole Student Activities Bldg	G-3
224	Computer and Space Sciences Bldg	I-4
122	Cumberland Hall (Residence)	J-4
107	Dairy Science Annex	I-5
105	Dairy Science Office	I-6
053	Dance Building	D-3
252	Denton Hall (Residence)	J-3
097	Dining Hall (Cambridge)	I-4
251	Dining Hall (Denton)	K-3
257	Dining Hall (Ellicott)	J-4
064	Dorchester Hall (Residence)	G-3
253	Easton Hall (Residence)	K-3
066	Education Annex, West	E-3
254	Elkton Hall (Residence)	J-3
256	Ellicott Hall (Residence)	J-3
223	Energy Research Facility	H-6
088	Engineering Classroom Bldg	G-5
089	Engineering Laboratory Bldg	G-6
093	Engineering Research Bldg	H-6
007	Fire and Rescue Institute (MD)	C-5
158	Football Bldg	I-4
048	Francis Scott Key Hall	E-3
126-139	Fraternity Houses	C-6
029	Frederick Hall (Residence)	C-4
031	Garrett Hall (Residence)	D-3
299	Gatehouse	F-6
237	Geology Bldg	G-4
166	Golf Range	J-2
002	Greenhouses	F-6
258	Hagerstown Hall (Residence)	J-3
014	Harford Hall (Residence)	D-4
002	Harrison Lab	E-6
255	Health and Human Performance Bldg	J-5
140	Health Center	G-3
074	Hofzapfel Hall	F-4
147	Hornbake Undergraduate Library	G-4
028	Howard Hall (Residence)	D-3
085	Institute for Physical Sciences and Technology	I-5
045	Instructional Television Facility	G-5
034	Jimenez Bldg (Foreign Language)	G-3
059	Journalism Bldg	F-3
227	Jull Hall	I-4
022	Kent Hall (Residence)	D-4
027	Knox Rd. Office Bldg East	C-4
259	LaPlata Hall (Residence)	J-4
071	Lee Bldg and Graduate School	E-4
038	Le Frak Hall (Social Sciences)	E-3
201	Leonardtown Community Bldg (Employment Office)	B-6
238-249	Leonardtown Modular Residence	B-6
260-285	Lord Calvert Apts	B-4
077	Main Administration Bldg	E-5
046	Marie Mount Hall	E-4
084	Mathematics Bldg	G-5
035	McKeldin Library	F-3
009	Memorial Chapel	D-4
231	Microbiology Bldg	G-4
232	Mill Bldg	G-4
052	Mitchell Bldg	F-5
032	Montgomery Hall (Residence)	C-4
040	Morrill Hall	E-3
011	Motor Transportation Facility	D-6
094	Paint Branch Dr. Office Bldg	H-6
179	Parking Garage #1	H-4
202	Parking Garage #2	H-5
073	H. J. Patterson Hall	G-4
083	J. M. Patterson Hall	H-5
027	Photographic Services	C-4
082	Physics Bldg	G-5
006	Plant Operations and Maintenance Shops	E-5
003	Police and Service Bldg	E-6
113	Police Substation	C-3
181-191	Poultry Bldgs	I-4
054	Preinkert Field House	F-3
164	President's Residence	I-2
021	Prince George's Hall (Residence)	D-3
061	Queen Anne's Hall (Residence)	F-3
078	Reckord Armory	E-5
334-341	Relocatable Buildings	I-6
004	Ritchie Coliseum	D-5
080	Rossborough Inn (Faculty-Alumni Club)	D-5
109	Sheep Barn	I-5
159	Shipley Field	D-6
037	Shoemaker Bldg	E-3
075	Shriver Lab	F-4
013	Shuttle Bus Facility	F-4
044	Skinner Bldg	E-4
063	Somerset Hall (Residence)	F-3
170-176	Sorority Houses	B-5
026	South Campus Dining Hall	E-3
233	South Campus Surge	D-3
062	St. Mary's Hall (Residence)	G-3
163	Stamp Student Union	G-4
076	Symons Hall	F-4
030	Talbot Hall (Residence)	D-4
043	Taliaferro Hall	E-3
141	Tawes Fine Arts Bldg	G-3
308	Temporary Computer Science	I-5
079	Turner Lab (Dairy)	E-5
042	Tydings Hall	E-3
345	University College (Center of Adult Ed)	G-2
286-292	University Hills Apts	G-1
005	University Press	E-6
023	Washington Hall (Residence)	C-4
069	Wicomico Hall (Residence)	E-3
081	Wind Hall	E-4
047	Woods Hall	E-4
051	Worcester Hall (Residence)	F-3
144	Zoology-Psychology Bldg	G-4

SCHEDULE OF CLASSES DIRECTORY OF BUILDING CODES

CODE	BUILDING	LOCATION	NUM.
AGY	Allegany Hall (Residence)	C-4	024
ASA	Animal Sciences Annex	I-6	104
ANS	Animal Sciences Bldg	H-5	142
ANA	Anne Arundel Hall (Residence)	G-3	060
ALB	Astronomy Laboratory Bldg	MET	219
API	Apiary	J-3	156
ARC	Architecture Bldg	F-2	145
ARM	Armory (Reckord)	E-5	078
ASY	Art-Sociology Bldg	F-3	146
AVW	A.W. Williams Bldg	H-6	115
BAL	Baltimore Hall (Residence)	D-3	016
BEB	Beef Barn	I-5	110
BEL	Bel Air Hall (Residence)	D-3	099
BRD	Byrd Stadium	I-3	160
CAL	Calvert Hall (Residence)	D-3	015
CAM	Cambridge Hall (Residence)	I-4	096
CAR	Caroline Hall (Residence)	E-3	070
CRL	Carroll Hall (Residence)	E-3	065
CEC	Cecil Hall (Residence)	D-4	017
CEN	Centreville Hall (Residence)	J-5	098
CHL	Charles Hall (Residence)	C-4	025
CHE	Chemical Engineering Bldg	H-5	090
CHM	Chemistry Bldg	G-5	091
CHS	Chestertown Hall (Residence)	J-4	121
CLB	Blassroom Bldg	H-6	106
COL	Cole Student Activities Bldg	G-3	162
CSS	Computer and Space Sciences Bldg	I-4	224
CBD	Cumberland Hall (Residence)	J-4	122
DSA	Dairy Science Annes & Large Animal Classroom	I-5	107
DNC	Dance Building	D-3	053
DEN	Denton Hall (Residence)	J-3	252
DOR	Dorchester Hall (Residence)	G-3	064
EAS	Easton Hall (Residence)	K-3	253
EDA	Education Annex	E-3	066
EDU	Education (Benjamin)	G-3	143
ELK	Elkton Hall (Residence)	J-3	254
ELL	Ellicott Hall (Residence)	J-3	256
EGL	Engineering Laboratory Bldg (Martin)	G-6	089
EGR	Engineering Classroom (Martin)	G-5	088
EPL	East Poultry Lab Bldg	I-4	188
ERB	Engineering Research Bldg	H-6	093
FRD	Frederick Hall (Residence)	C-4	029
GRT	Garrett Hall (Residence)	D-3	031
GEO	Geology Bldg	G-4	237
GLF	Golf Range	J-2	166
HAG	Hagerstown Hall (Residence)	J-3	258
HAR	Harrison Lab	E-6	002
HRT	Hartford Hall (Residence)	D-4	014
HOB	Horse Barn	I-5	108
HBK	Hornbake Undergraduate library	G-4	147
HJP	H.J. Patterson	G-4	073
HHP	Health and Human Performance Bldg	J-5	255
HZF	Holzapfel Hall	F-4	074
HOW	Howard Hall (Residence)	D-3	028
IPT	Inst. of Physical Sciences and Technology	I-5	085
ITV	Instructional Television Facility	G-5	045
JMP	J. M. Patterson Hall	H-5	083
JMZ	Jimenez Foreign Language	G-3	034
JRN	Journalism Bldg	F-3	059
JUL	Jull Hall	I-4	227
KNT	Kent Hall (Residence)	D-4	022
KEY	Francis Scott Key Hall	E-3	048
LAM	Lab Animal Mgt. Classroom	CRF	783
LPA	LaPlata Hall (Residence)	J-4	259
LEF	Lefrak Social Sciences	E-3	038
MTH	Mathematics Bldg	G-5	084
MCK	McKeldin Library	F-3	035
MCB	Microbiology Bldg	G-4	231
MIL	Mill Bldg	G-4	232
MNT	Montgomery Hall (Residence)	C-4	032
MMH	Marie Mount Hall	E-4	046
MOR	Morrill Hall	E-3	040
PHY	Physics Bldg	G-5	082
PKT	Preinkert Field Hose	F-3	054
PGG	Prince George's Hall (Residence)	D-3	021
QAN	Queen Anne's Hall (Residence)	F-3	061
RIT	Ritchie Coliseum	D-5	004
SCP	South Campus Surge	D-3	233
SHB	Sheep Barn	I-5	109
SHM	Shoemaker Bldg	E-3	037
SHR	Shriver Lab	F-4	075
SKN	Skinner Bldg	E-4	044
SOM	Somerset Hall (Residence)	F-3	063
SDH	South Campus Dining Hall	E-3	026
STM	St. Mary's Hall (Residence)	G-3	062
SSU	Stamp Student Union	G-4	163
SYM	Symons Hall	F-4	076
TAL	Talbot Hall (Residence)	D-4	030
TBA	To Be Arranged		
TLF	Taliaferro Hall	E-3	043
TUR	Turner Lab	E-5	079
TYD	Tydings Hall	E-3	042
TWS	Tawes Fine Arts Bldg	G-3	141
WSH	Washington Hall (Residence)	C-4	023
WIC	Wicomico Hall (Residence)	E-3	069
WDS	Woods Hall	E-4	047
WTU	Wind Tunnel	G-6	081
WOR	Worcester Hall (Residence)	F-3	051
ZOP	Zoology-Psychology Bldg	G-4	144



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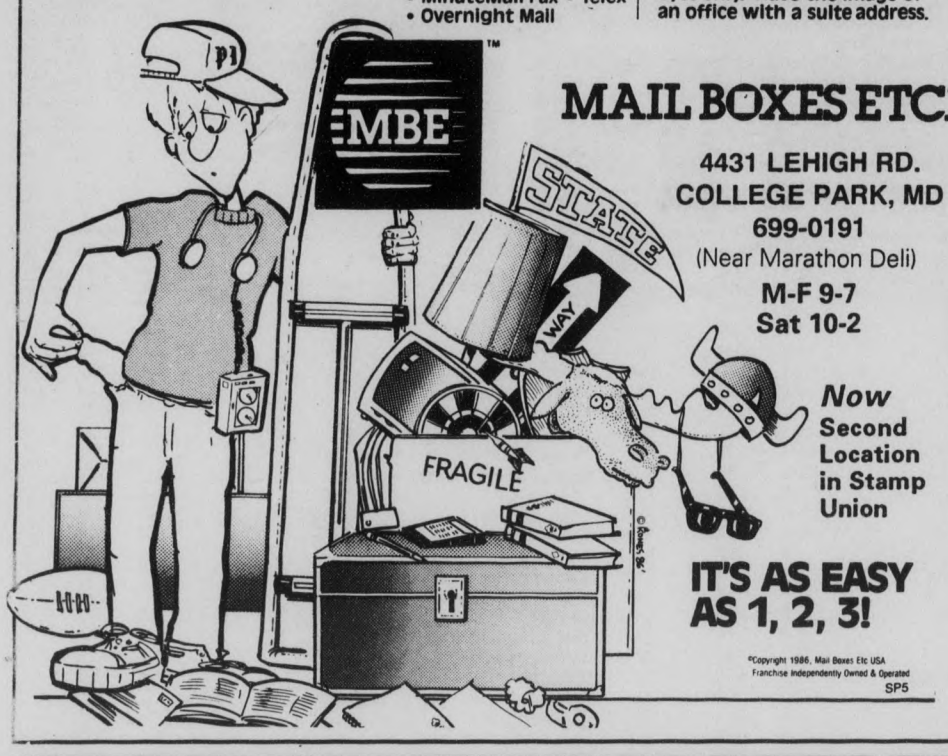

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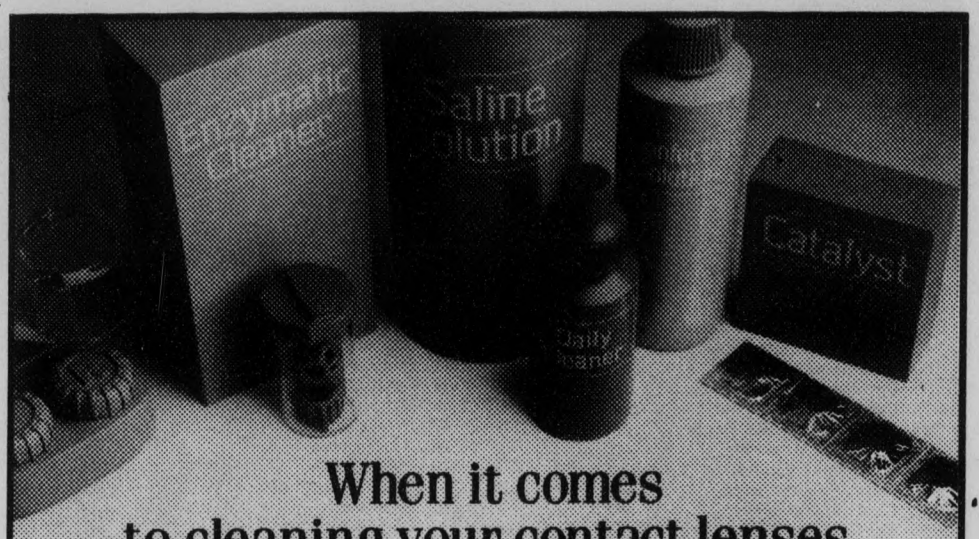

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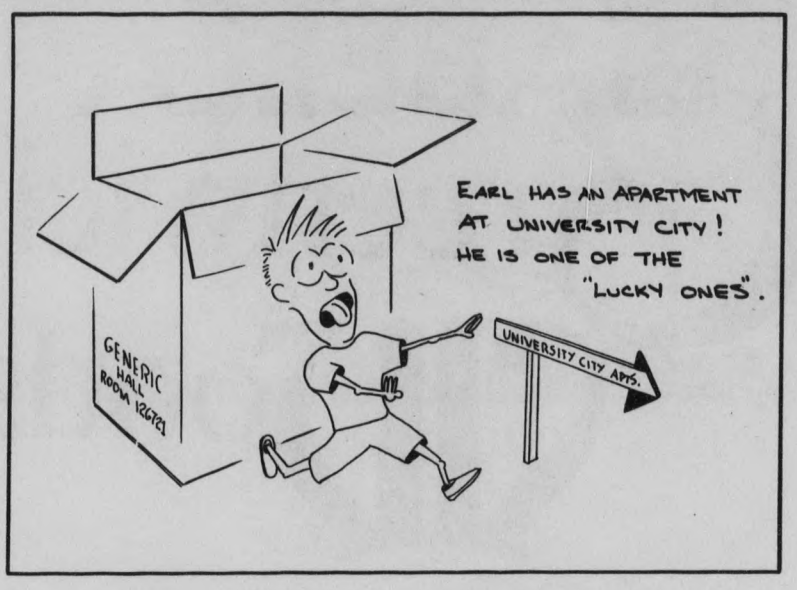

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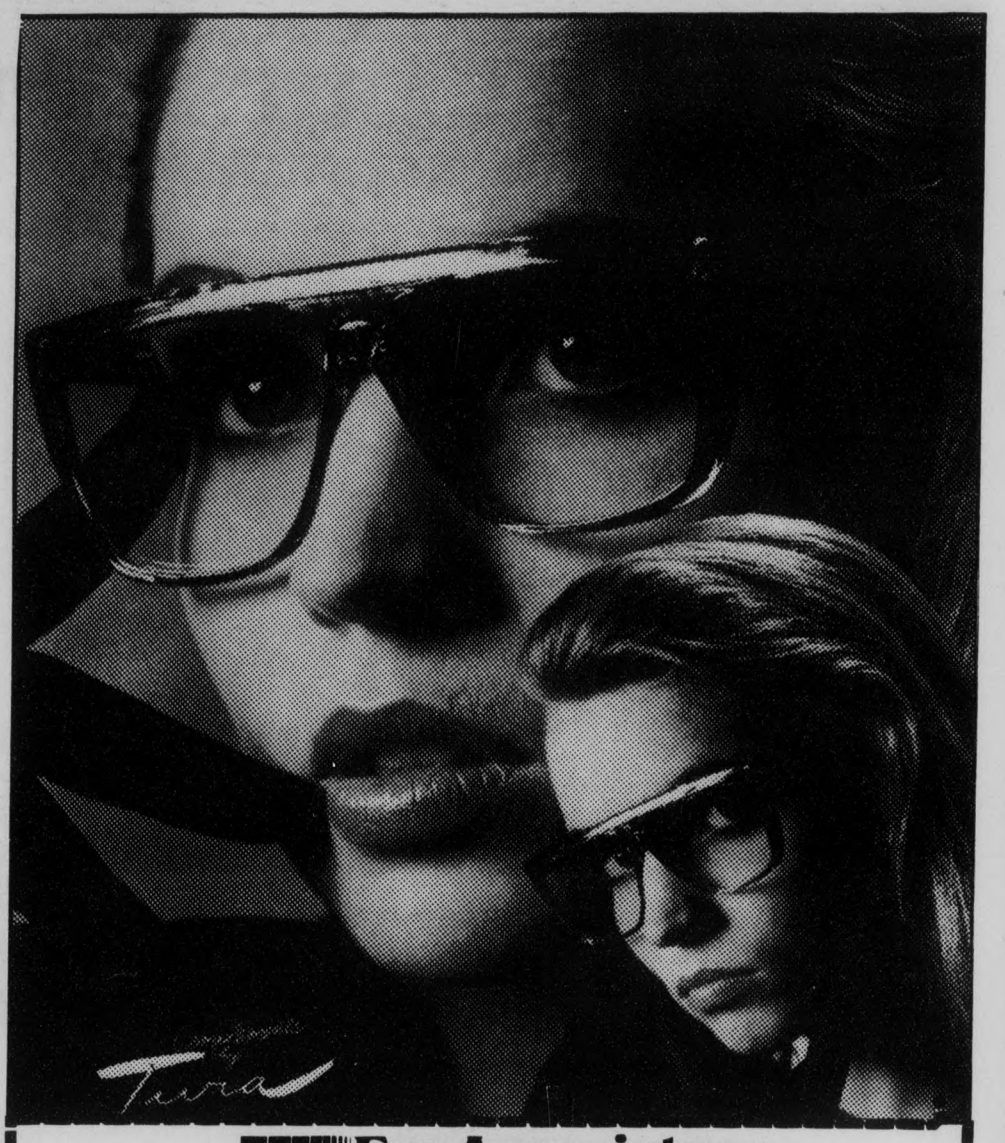

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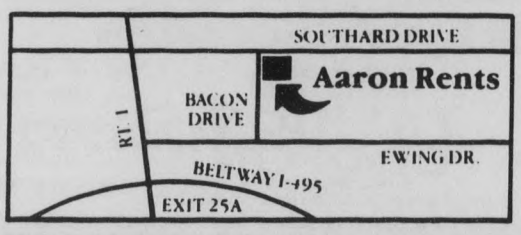

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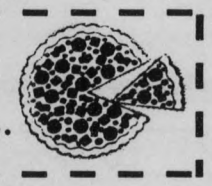

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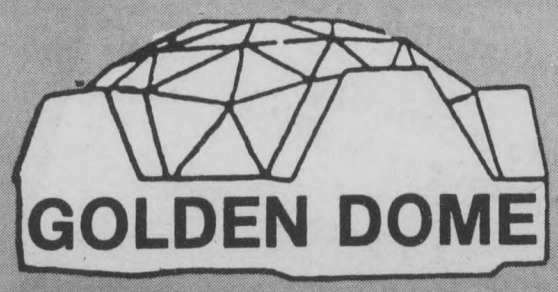

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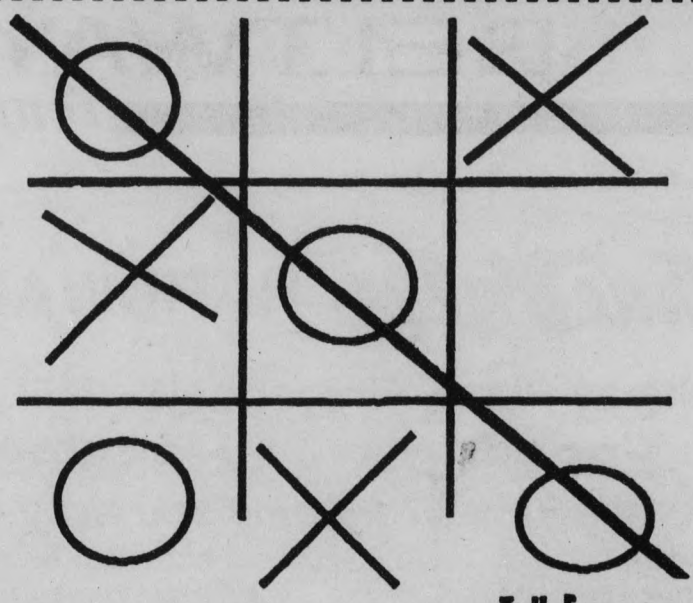

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0101 Time and room to be arranged — Block, I
0201 Time and room to be arranged — Etienson, R
0301 Time and room to be arranged — Dardis, R
0401 Time and room to be arranged — Hacklander, E
0701 Time and room to be arranged — Spivak, S
0801 Time and room to be arranged — Yeh, K
0901 Time and room to be arranged — Brannigan, V
1001 Time and room to be arranged — Whittington, L
1101 Time and room to be arranged — Mokhtari, M
1401 Time and room to be arranged — Stapleton, D
1801 Time and room to be arranged — Soberon-Ferrer,

CNEC298A (PermReq) Special Topics: Computer Applications in Textiles and Consumer Economics; Grade Method: REG/AUD. Limited to freshman and sophomores who are majors in textiles and consumer economics. — 3 credits
0101 MW.....11:00am-12:50pm (MHH 1314) — Pourdeyhimi, B

CNEC310 Consumer Economics and Public Policy; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. Prerequisites: ECON 201; and ECON 203. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (MHH 1304) — Whittington, L
0201 MWF.....9:00am- 9:50am (MHH 1304) — Verma, S

CNEC312 Economics of the Family; Grade Method: REG/P-F/AUD. CORE Distributive Studies Cultural Diversity Course. Prerequisite: (ECON 201; and ECON 203) or ECON 205. — 3 credits
0101 TuTh.....9:30am-10:45am (KEY 0102) — Whittington, L

CNEC388 (PermReq) Field Work and Analysis in Consumer Economics; Grade Method: S-F. Limited to department majors. — 3-6 credits
0101 Time and room to be arranged — Dardis, R

CNEC400 Research Methods; Grade Method: REG/P-F/AUD. Prerequisite: MATH 110 or MATH 115. Not open to students who have completed TEXT 400 or BMGT 230. — 3 credits
0101 TuTh.....9:30am-10:45am (HJP 1229) — Soberon-Ferrer,

CNEC410 Consumer Finance; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. Prerequisites: ECON 201; and ECON 203. Not open to students who have completed FMCD 441. — 3 credits
0101 MWF.....11:00am-11:50am (MHH 1304) — Verma, S
0201 TuTh.....12:30pm- 1:45pm (ARM 0117) — Soberon-Ferrer,

CNEC431 The Consumer and the Law; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. Junior standing. — 3 credits
0101 M..... 6:00pm- 8:30pm (MHH 1400) — Jakitsch, R
0201 Tu.....6:00pm- 8:30pm (MHH 1400) — Goldberg, F
0301 W.....6:30pm- 9:00pm (MHH 1400) — Ensor, B
0401 Th.....3:30pm- 6:00pm (MHH 1400) — Brannigan, V

CNEC435 Economics of Consumption; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. Prerequisites: [ECON 201; and ECON 203] or [ECON 205 for non-majors]. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (ARM 0116) — Verma, S

CNEC437 Consumer Behavior; Grade Method: REG/P-F/AUD. CORE Advanced Studies Social and Ethical Problems Course. USP Advanced Studies Analysis of Human Problems Course. Prerequisites: PSYC 100; and SOCY 100. Junior standing. — 3 credits
0101 TuTh.....9:30am-10:45am (MHH 1400) — Hacklander, E
0201 TuTh.....2:00pm- 3:15pm (ARM 0117) — Wagner, J

CNEC456 Product Liability and Government Regulation; Grade Method: REG/P-F/AUD. Prerequisite: CNEC 431 or permission of department. Course will not be offered in spring semester. — 3 credits
0101 W.....3:00pm- 5:30pm (MHH 1304) — Brannigan, V

CNEC488 (PermReq) Senior Honors Thesis; Grade Method: S-F. Individual Instruction course: contact department or instructor to obtain section number. — 1-4 credits

CNEC498 (PermReq) Special Studies; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 2-4 credits

CNEC498B Special Studies: Current Issues in Consumer Economics; Grade Method: REG/P-F/AUD. — 3 credits
0101 Tu.....6:00pm- 8:30pm (MHH 0108) — Brobeck, S

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COOP098 Co-Op Work Experience I; Grade Method: S-F. Student must register for COOP 099 concurrently. Permission of Co-op Coordinator required. Obtain signature and more information at Experiential Learning Programs, 0119 Hornbake Library. For special fees, see the Financial Information section of the Schedule of Classes. — No credit
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COOP099 Co-Op Work Experience II; Grade Method: S-F. Student must register for COOP 098 concurrently. Permission of Co-op Co-ordinator required. Obtain signature and more information at Experiential Learning Programs, 0119 Hornbake Library. For special fees see the Financial Information section of the Schedule of Classes. — No credit
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CRIM Criminology — (Behavior & Social Sci)

CRIM220 Criminology; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D Course. — 3 cred
0101 TuTh.....11:00am-12:15pm (SHM 2102) — Wellford, C
0201 MWF.....1:00pm- 1:50pm (ASY 1213) — Cottey, T
0301 MWF.....11:00am-11:50am (SHM 2102) — Cottey, T

CRIM330 Contemporary Criminological Issues; Grade Method: REG/P-F/AUD. Prerequisite: CRIM 220. — 3 credits
0101 TuTh.....9:30am-10:45am (SCP 1120) — Loftin, C

CRIM359 (PermReq) Field Training in Criminology and Corrections; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisites: CRIM 220 and CRIM 450, majors only, and permission of department. — 1-6 credits

CRIM386 (PermReq) Field Work; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: CRIM 387. Prerequisites: junior standing by Aug 1991, 3.2 cumulative GPA, and a grade of "A" in the course in which assisting. — 1-3 credits

CRIM387 (PermReq) Field Work Analysis; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: CRIM 386. Prerequisites: junior standing by Aug 1991, 3.2 cumulative GPA, and a grade of 'A' in the course in which assisting. — 1-3 credits

CRIM388H (PermReq) Independent Reading Course in Criminology: Independant Reading in Criminology; Grade Method: REG. For honor students only. — 3 credits
0101 W.....3:00pm- 4:30pm (LEF 2220R) — Wellford, C
Time and room to be arranged DIS
0501 W.....3:00pm- 4:30pm (LEF 2220R) — Ingraham, B
Time and room to be arranged DIS

CRIM389H (PermReq) Independent Research in Criminology; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Honors students only. — 3 credits

CRIM399 (PermReq) Independent Study in Criminology; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: written consent of faculty under whose direction the study is to be performed, and at least twelve hours of criminology credits. — 1-3 credits

CRIM432 Law of Corrections; Grade Method: REG/P-F/AUD. Prerequisite: CJUS 230 or CJUS 234; and CRIM 220. — 3 credits
0101 MWF.....11:00am-11:50am (MCB 1207) — Ingraham, B

CRIM450 Juvenile Delinquency; Grade Method: REG/P-F/AUD. Prerequisite: CRIM 220. — 3 credits
0101 MWF.....10:00am-10:50am (ASY 2309) — Paternoster, R
0301 TuTh.....8:00am- 9:15am (LEF 2208) — Smith, D

CRIM451 Crime and Delinquency Prevention; Grade Method: REG/P-F/AUD. Prerequisite: CRIM 220 or CRIM 450 or permission of department. — 3 credits
0101 MWF.....9:00am- 9:50am (LEF 2166) — Freeman, R

CRIM452 Treatment of Criminals and Delinquents; Grade Method: REG/P-F/AUD. Prerequisite: CRIM 220 or CRIM 450 or permission of department. — 3 credits
0101 TuTh.....9:30am-10:45am (ARM 0110) — Marciniak, E

CRIM454 Contemporary Criminological Theory; Grade Method: REG/P-F/AUD. Prerequisite: [CRIM 220; and CRIM 450; and CRIM 451] or [CRIM 452 or CRIM 453]. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (LEF 2208) — Simpson, S

CRIM498D Selected Topics in Criminology: Fundamental for Criminological Research; Grade Method: REG. — 3 credits
0101 W.....4:00pm- 6:45pm (LEF 1220) — Smith, D

Prerequisite: must have completed research methods and statistics requirements for the MA degree.

CRIM610 Research Methods in Criminal Justice and Criminology; Grade Method: REG/AUD. Prerequisite: completion of research methods and statistics requirements for the M.A. Degree. — 3 credits
0101 Th.....4:00pm- 6:45pm (LEF 1220) — Gottfredson, D

CRIM699 (PermReq) Special Criminological Problems; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

CRIM699A (PermReq) Special Criminological Problems: Testing Developing Theories; Grade Method: REG/AUD. — 3 credits
0101 W.....4:00pm- 6:45pm (WDS 0104) — Paternoster, R

CRIM699B Special Criminological Problems: Violence Research; Grade Method: REG/AUD. — 3 credits
0101 M.....4:00pm- 6:45pm (LEF 1210) — Loftin, C

CRIM710 Advanced Research Methods in Criminology; Grade Method: REG/AUD. Prerequisite: approved doctoral level statistics course. — 3 credits
0101 Tu.....4:00pm- 6:45pm (LEF 1221) — McDowall, D

CRIM799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

CRIM899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

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DANC Dance — (Arts and Humanities)

DANC100 Modern Dance I for Non-Majors; Grade Method: REG/P-F/AUD. — 2 credits
0101 MWF.....1:00pm- 1:50pm (PKT 2102) LAB — Warren, L
0102 MWF.....2:00pm- 2:50pm (PKT 2102) LAB — Jackson, P
0104 TuTh.....3:30pm- 4:45pm (DNC 1105) LAB — Rolland, E
0105 TuTh.....5:00pm- 6:15pm (PKT 2102) LAB — Hayes, A

DANC102 Rhythmic Training for Dance; Grade Method: REG/P-F/AUD. — 2 credits
0101 TuTh.....9:30am-10:45am (DNC 1105) LAB — Johnson, I

DANC109 Improvisation I; Grade Method: REG/P-F/AUD. Majors have priority. Non-majors admitted on a space available basis. — 2 credits
0101 TuTh.....11:00am-12:15pm (DNC 1105) LAB — Rosen, M

DANC124 Ballet I for Non-Majors; Grade Method: REG/P-F/AUD. — 2 credits
0101 MWF.....10:00am-10:50am (PKT 2102) LAB — Druker, S
0102 MWF.....11:00am-11:50am (PKT 2102) LAB — Druker, S
0103 MWF.....12:00pm-12:50pm (PKT 2102) LAB — Druker, S

DANC138 Introduction to Ethnic Dance Introduction to Ethnic Dance: West African; Grade Method: REG/P-F/AUD. CORE Distributive Studies Cultural Diversity Course. — 2 credits
0101 TuTh.....9:30am-10:45am (PKT 2102) LAB — Frosch-Schroder

DANC154 Jazz I for Non-Majors; Grade Method: REG/P-F/AUD. — 2 credits
0101 MWF.....10:00am-10:50am (DNC 1105) LAB — Hayes, A

DANC158 Jazz I for Majors Only; Grade Method: REG/P-F/AUD. — 2 credits
0101 TuTh.....2:00pm- 3:15pm (PKT 2102) LAB — Frosch-Schroder

DANC171 Movement Integration; Grade Method: REG/P-F/AUD. — 2 credits
0101 MWF.....10:00am-10:50am (DNC 1136) — Dunn, R

DANC199 (PermReq) Practicum in Choreography, Production and Performance I: Dance Workshop I; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-2 credits

DANC199A Practicum in Choreography, Production and Performance I: Tap Dance (Intermediate); Grade Method: REG/P-F/AUD. — 2 cr ts
1201 TuTh.....12:30pm- 1:45pm (PKT 2102) — Slater, M

DANC200 Introduction to Dance; Grade Method: REG/P-F/AUD. CORE Distributive Studies Arts Course. CORE Distributive Studies Cultural Diversity Course. USP Distributive Studies Area C Course. Lecture/discussion only - no studio activity. — 3 credits
0101 MWF.....11:00am-11:50am (DNC 1143) — Fleitell, S
0201 MWF.....1:00pm- 1:50pm (DNC 1143) — Fleitell, S
0301 TuTh.....11:00am-12:15pm (DNC 1143) — Frosch-Schroder
0401 TuTh.....12:30pm- 1:45pm (DNC 1143) — Dunn, R
0501 TuTh.....2:00pm- 3:15pm (DNC 1143) — Rosen, M

DANC208 Choreography I; Grade Method: REG/P-F/AUD. Prerequisites: DANC 102 and DANC 109. — 3 credits
0101 MWF.....2:00pm- 3:20pm (DNC 1136) LAB — Dunn, R

DANC210 Dance Production; Grade Method: REG/P-F/AUD. — 3 credits
0101 MWF.....3:30pm- 4:50pm (DNC 1105) — Jackson, P

DANC228 Ballet I for Majors; Grade Method: REG/P-F/AUD. Prerequisite: DANC 129 or audition. — 2 credits
0101 TuTh.....2:00pm- 3:15pm (DNC 1136) LAB — Druker, S

DANC229 Ballet II for Majors; Grade Method: REG/P-F/AUD. Prerequisite: DANC 228 or audition. — 2 credits
0101 TuTh.....12:30pm- 1:45pm (DNC 1136) LAB — Druker, S

DANC248 Modern Dance I for Majors; Grade Method: REG/P-F/AUD. Prerequisite: DANC 149 or audition. — 3 credits
0101 MWF.....11:00am-12:20pm (DNC 1136) LAB — Wiltz, A

DANC249 Modern Dance II for Majors; Grade Method: REG/P-F/AUD. — 3 credits
0101 MWF.....11:00am-12:20pm (DNC 1136) LAB — Wiltz, A

DANC258 Jazz II; Grade Method: REG/P-F/AUD. Prerequisites: (DANC 154 or DANC 158) and (DANC 104 or DANC 149). Majors have priority: non-majors admitted on a space available basis. — 2 credits
0101 TuTh.....3:30pm- 4:45pm (PKT 2102) LAB — Hayes, A

DANC266 Dance Notation I; Grade Method: REG/P-F/AUD. Prerequisites: DANC 102 and DANC 148. — 3 credits
0101 TuTh.....11:00am-12:15pm (PKT 2102) — Warren, A

DANC299 Practicum in Choreography, Production and Performance II; Dance Workshop II; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

DANC305 Principles of Teaching Dance; Grade Method: REG/P-F/AUD. Prerequisites: DANC 102, DANC 208, and DANC 248. — 3 credits
0101 TuTh.....3:30pm- 4:45pm (DNC 1143) LAB — Warren, A

DANC328 Ballet III; Grade Method: REG/P-F/AUD. — 2 credits
0101 TuTh.....11:00am-12:15pm (DNC 1136) LAB — Druker, S

DANC329 Ballet IV; Grade Method: REG/P-F/AUD. — 2 credits
0101 TuTh.....11:00am-12:15pm (DNC 1103) LAB — Druker, S

DANC348 Modern Dance III for Majors; Grade Method: REG/P-F/AUD. Prerequisite: DANC 249 or audition. — 3 credits
0101 MWF.....11:00am-12:20pm (DNC 1105) LAB — Warren, A

DANC379 (PermReq) Practicum in Dance; Grade Method: REG/P-F/AUD. — 1-3 credits
0101 Time and room to be arranged — Rosen, M

DANC386 (PermReq) Field Work; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: DANC 387. — 1-3 credits

DANC387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: DANC 386. — 1-3 credits

DANC388 Choreography III; Grade Method: REG/P-F/AUD. — 3 credits
0101 MWF.....3:30pm- 4:45pm (DNC 1136) LAB — Rosen, M

DANC398 (PermReq) Directed Studies in Dance; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

DANC399 (PermReq) Practicum in Choreography, Production and Performance III: Dance Workshop III; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: DANC 299. — 1-2 credits

DANC448 Modern Dance V for Majors; Grade Method: REG/P-F/AUD. — 3 credits
0101 MWF.....12:30pm- 1:50pm (DNC 1105) LAB — Hayes, A

DANC449 (PermReq) Modern Dance VI for Majors; Grade Method: REG/P-F/AUD. — 3 credits
0101 MWF.....12:30pm- 1:50pm (DNC 1105) LAB — Hayes, A

DANC468 Modern Repertory; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (DNC 1105) — Butler, E

DANC479 (PermReq) Advanced Practicum in Dance; Grade Method: REG/P-F/AUD. — 1-3 credits
0101 Time and room to be arranged — STAFF

DANC483 History of Dance II; Grade Method: REG/P-F/AUD. Prerequisite: DANC 200. — 3 credits
0101 TuTh.....9:30am-10:45am (DNC 1143) — STAFF

DANC499 (PermReq) Practicum in Choreography, Production and Performance IV; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: DANC 399. — 1-6 credits

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DESN Design — (Arts and Humanities)

DESN101 Design Studio I; Grade Method: REG. For pre-design majors only. Credit will be granted for only one of the following: APDS 101 or DESN 101. Formerly APDS 101. Attendance on the first day of classes is mandatory. — 3 credits
0101 F.....2:00pm- 3:40pm (MHH 1400) — Hart, N
W.....1:00pm- 2:50pm (MHH 2411) LAB
0102 F.....2:00pm- 3:40pm (MHH 1400) — Hart, N
W.....3:00pm- 4:50pm (MHH 2411) LAB

DESN102 Design Studio II; Grade Method: REG. Prerequisite: DESN 101 Corequisite: DESN 103. For pre-design majors only. Credit will be granted for only one of the following: DESN 102 or APDS 102. Formerly APDS 102. Attendance on the first day of classes is mandatory. — 3 credits
0101 MF.....12:00pm- 2:30pm (MHH 2411) LAB — Dean, S
0102 MF.....3:00pm- 5:30pm (MHH 2411) LAB — Dean, S

DESN103 Design Studio III; Grade Method: REG. Prerequisite: DESN 101. Corequisite: DESN 102. For pre-design majors only. Credit will be granted for only one of the following: APDS 103 or DESN 103. Formerly APDS 103. Attendance on the first day of classes is mandatory. — 3 credits
0101 TuTh.....11:00am- 1:30pm (MHH 2411) LAB — Sham, F
0102 TuTh.....2:00pm- 4:30pm (MHH 2411) LAB — Sham, F

DESN204 History of Design; Grade Method: REG. CORE Distributive Studies Arts Course. USP Distributive Studies Area C Course. Prerequisite: ARTH 200. Credit will be granted for only one of the following: APDS 104 or DESN 204. Formerly APDS 104. Attendance on the first day of classes is mandatory. — 3 credits
0101 MWF.....12:00pm-12:50pm (ASY 2309) — McWhinnie, H

DESN205 Drawing for Designers; Grade Method: REG. Prerequisites: DESN 102; and DESN 103; and EDIT 160. For advertising design, design, and interior design majors only. Credit will be granted for only one of the following: APDS 211 or DESN 205. Formerly APDS 211. Attendance on the first day of classes is mandatory. — 3 credits
0101 MWF.....11:00am-12:40pm (MHH 2415) LAB — Thorpe, J

DESN210 Presentation Techniques for Visual Communication Design; Grade Method: REG. Prerequisite: DESN 205. For advertising design majors only. Credit will be granted for only one of the following: APDS 210 or DESN 210. Formerly APDS 210. Attendance on the first day of classes is mandatory. — 3 credits
0101 TuTh.....5:00pm- 7:30pm (MHH 2411) LAB — Hart, N

DESN212 Graphic Techniques for Interior Design; Grade Method: REG. Prerequisite: DESN 205. For interior design majors only. Credit will be granted for only one of the following: HSAD 210 or DESN 212. Formerly HSAD 210. Attendance on the first day of classes is mandatory. — 3 credits
0101 TuTh.....4:00pm- 6:30pm (MHH 1108) LAB — Tasi, P

DESN230 Typography I; Grade Method: REG. Prerequisites: DESN 102; and DESN 103; and EDIT 160. For advertising design majors only. Credit will be granted for only one of the following: APDS 330 or DESN 230. Formerly APDS 330. Attendance on the first day of classes is mandatory. — 3 credits
0101 M.....8:00am-11:00am (MHH 1413) — Walston, L
W.....9:00am-10:15am (MHH 1413)

DESN237 Photography I; Grade Method: REG. Prerequisite: DESN 205. For advertising design majors only. Credit will be granted for only one of the following: — 3 credits

APDS 237 or DESN 237. Formerly APDS 237. Attendance on the first day of classes is mandatory.
0101 Tu.....2:30pm- 5:00pm (MMH 0110) LAB Jacobs, W
Th.....3:00pm- 4:30pm (MMH 0110) LAB

DESN246 Materials in Interior Design; Grade Method: REG. Prerequisites: DESN 102 and DESN 103. For interior design majors only. Credit will be granted for only one of the following: HSAD 246 or DESN 246. Formerly HSAD 246. Attendance on the first day of classes is mandatory. 3 credits
0101 MWF.....9:00am- 9:50am (WDS 1114) Hoover, B

DESN300 Introduction to Computer-Aided Design and Computer Graphics; Grade Method: REG. Prerequisite: MATH 110. Attendance on the first day of classes is mandatory. 3 credits
0101 TuTh.....11:00am-12:15pm (EGR 3140) Chen, A

DESN320 Illustration I; Grade Method: REG. Prerequisites: DESN 210; and DESN 230. For advertising design majors only. Credit will be granted for only one of the following: APDS 320 or DESN 320. Formerly APDS 320. Attendance on the first day of classes is mandatory. 3 credits
0101 M.....3:00pm- 4:00pm (MMH 1413) Lozner, R
W.....1:00pm- 4:00pm (MMH 1413) LAB

DESN331 Advertising Design Studio I; Grade Method: REG. Prerequisites: DESN 231; and DESN 320. For advertising communication design majors only. Credit will be granted for only one of the following: APDS 331 or DESN 331. Formerly APDS 331. Attendance on the first day of classes is mandatory. 3 credits
0101 Tu.....11:00am-12:00pm (MMH 1413) Davis, S
Th.....8:00am-11:00am (MMH 1413) LAB
0102 Tu.....11:00am-12:00pm (MMH 1413) Davis, S
Th.....11:00am- 2:00pm (MMH 1413) LAB

DESN337 Photography II; Grade Method: REG. Prerequisites: DESN 230; and DESN 237. Credit will be granted for only one of the following: APDS 337 or DESN 337. Formerly APDS 337. Attendance on the first day of classes is mandatory. 3 credits
0101 Tu.....11:00am-12:00pm (MMH 0110) Gips, C
Th.....10:00am- 1:00pm (MMH 0110) LAB

DESN342 Space Development; Grade Method: REG. Prerequisites: DESN 212; and DESN 246; and DESN 247; and EDIT 241. For interior design majors only. Credit will be granted for only one of the following: HSAD 342 or DESN 342. Formerly HSAD 342. Attendance on the first day of classes is mandatory. 3 credits
0101 TuTh.....1:30pm- 4:00pm (MMH 1108) LAB Francescato, G

DESN343 Interior Design Studio I; Grade Method: REG. Prerequisite: DESN 342. For interior design majors only. Credit will be granted for only one of the following: HSAD 343 or DESN 343. Formerly HSAD 343. Attendance on the first day of classes is mandatory. 5 credits
0101 MW.....11:00am- 1:30pm (MMH 1108) LAB Hoover, B

DESN360 History, Culture and Design; Grade Method: REG. Prerequisite: DESN 204. Attendance on the first day of classes is mandatory. 3 credits
0101 MW.....3:30pm- 4:45pm (ASY 2309) STAFF

DESN362 Ideas in Design; Grade Method: REG. CORE Distributive Studies Arts Course. Junior standing. Credit will be granted for only one of the following: DESN 362 or HSAD 362. Formerly HSAD 362. Attendance on the first day of classes is mandatory. 3 credits
0101 MW.....2:00pm- 3:15pm (ASY 2309) Bonta, J

DESN380 Professional Practices in Visual Communication Design; Grade Method: REG. Prerequisite: DESN 430. For advertising design majors only. Credit will be granted for only one of the following: APDS 380 or DESN 380. Formerly APDS 380. Attendance on the first day of classes is mandatory. 3 credits
0101 M.....12:00pm- 2:30pm (MMH 0401) Lozner, R
W.....11:00am-12:00pm (MMH 0401) LAB

DESN386 (PermReq) Field Work; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: DESN 387. 1-3 credits

DESN387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: DESN 388. 1-3 credits

DESN430 Advertising Design Studio II; Grade Method: REG. Prerequisite: DESN 320; and DESN 331. For advertising design majors only. Credit will be granted for only one of the following: DESN 430 or APDS 430. Formerly APDS 430. Attendance on the first day of classes is mandatory. 3 credits
0101 M.....9:00am-10:00am (MMH 1108) Thorpe, J
W.....8:00am-11:00am (MMH 1108) LAB

DESN444 Professional Practices in Interior Design; Grade Method: REG. Prerequisite: DESN 343. For interior design majors only. Credit will be granted for only one of the following: DESN 444 or HSAD 345. Formerly HSAD 345. Attendance on the first day of classes is mandatory. 3 credits
0101 W.....10:00am-11:00am (MMH 2407A) Hoover, B
F.....10:00am-11:30am (MMH 2407A)

DESN471 Computer Imaging for Design and Illustration; Grade Method: REG. Prerequisite: [DESN 210; and DESN 211; and DESN 300] or permission of department. For advertising design majors only. Attendance on the first day of classes is mandatory. 3 credits
0101 TuTh.....1:00pm- 3:30pm (MMH 1413A) LAB Gips, C

DESN472 Computer Applications for Interior Design; Grade Method: REG. Prerequisites: [DESN 342; and DESN 300] or permission of department. For interior design majors only. Attendance on the first day of classes is mandatory. 3 credits
0101 TuTh.....10:00am-12:30pm (MMH 1413A) LAB Francescato, G

DESN488B (PermReq) Selected Topics in Design; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Attendance on the first day of classes is mandatory. 3-6 credits

DESN499A Individual Study in Design: Individual Problems in Applied Design; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 3-4 credits

DESN499B (PermReq) Individual Study in Design: Individual Study in Housing and/or Interior Design; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 3-4 credits

DESN499D Individual Study in Design: Core; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 3-4 credits

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EALL East Asian Languages and Literatures (Arts and Humanities)

EALL300 The Languages of East Asia; Grade Method: REG/P-F/AUD. CORE Distributive Studies Humanities Course. CORE Distributive Studies Cultural Diversity Course. 3 credits
0101 MW.....12:00pm- 1:15pm (JMZ 2125) Ramsey, S

ECON Economics (Behavior & Social Sci)

ECON201 Principles of Economics I; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D Course. Credit will be granted for only one of the following: ECON 201 or ECON 205. 3 credits
0101 MWF.....9:00am- 9:50am (TYD 0101) STAFF
0201 MWF.....8:00am- 8:50am (TYD 1128) STAFF
0301 MWF.....12:00pm-12:50pm (TYD 2110) STAFF
0401 TuTh.....11:00am-12:15pm (ARM 0117) STAFF
0501 MWF.....10:00am-10:50am (TYD 1102) STAFF
0601 MWF.....2:00pm- 2:50pm (TYD 1128) STAFF
0701 TuTh.....8:00am- 9:15am (WDS 1114) STAFF
0801 TuTh.....3:30pm- 4:45pm (TYD 2108) STAFF
0901 TuTh.....2:00pm- 3:15pm (ARM 0105) STAFF
1001 TuTh.....12:30pm- 1:45pm (TYD 2111) STAFF
1101 MWF.....1:00pm- 1:50pm (TYD 2110) STAFF
1201 MWF.....11:00am-11:50am (TYD 2110) STAFF
1301 TuTh.....12:30pm- 1:45pm (LEF 1220) STAFF
1401 MWF.....3:00pm- 3:50pm (TYD 1128) STAFF
1501 TuTh.....2:00pm- 3:15pm (ARM 0119) STAFF
1601 TuTh.....9:30am-10:45am (WDS 0104) STAFF
2101 MW.....9:00am- 9:50am (TYD 0130) Dorsey, J
W.....8:00am- 8:50am (TYD 0101) DIS
2102 MW.....9:00am- 9:50am (TYD 0130) Dorsey, J
M.....1:00pm- 1:50pm (JRN 1104) DIS
2103 MW.....9:00am- 9:50am (TYD 0130) Dorsey, J
W.....10:00am-10:50am (TYD 2108) DIS
2104 MW.....9:00am- 9:50am (TYD 0130) Dorsey, J
F.....10:00am-10:50am (ARC 1125) DIS
2105 MW.....9:00am- 9:50am (TYD 0130) Dorsey, J
M.....8:00am- 8:50am (TYD 0101) DIS
2106 MW.....9:00am- 9:50am (TYD 0130) Dorsey, J
W.....1:00pm- 1:50pm (TYD 1132) DIS
2107 MW.....9:00am- 9:50am (TYD 0130) Dorsey, J
F.....11:00am-11:50am (TYD 1114) DIS
2108 MW.....9:00am- 9:50am (TYD 0130) Dorsey, J
F.....9:00am- 9:50am (TYD 1132) DIS
2109 MW.....9:00am- 9:50am (TYD 0130) Dorsey, J
F.....12:00pm-12:50pm (TYD 2100) DIS
2110 MW.....9:00am- 9:50am (TYD 0130) Dorsey, J
W.....12:00pm-12:50pm (TYD 1132) DIS
2111 MW.....9:00am- 9:50am (TYD 0130) Dorsey, J
M.....12:00pm-12:50pm (TYD 1132) DIS
2114 MW.....9:00am- 9:50am (TYD 0130) Dorsey, J
F.....1:00pm- 1:50pm (TYD 1132) DIS
2115 MW.....9:00am- 9:50am (TYD 0130) Dorsey, J
M.....1:00pm- 1:50pm (ARC 1103) DIS
2116 MW.....9:00am- 9:50am (TYD 0130) Dorsey, J
M.....10:00am-10:50am (TYD 2100) DIS
2119 MW.....9:00am- 9:50am (TYD 0130) Dorsey, J
F.....11:00am-11:50am (TYD 2100) DIS

ECON203 Principles of Economics II; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D Course. Recommended: ECON 201. 3 credits
0401 MWF.....11:00am-11:50am (JRN 1105) STAFF
0801 TuTh.....8:00am- 9:15am (TYD 0101) STAFF
1001 TuTh.....3:30pm- 4:45pm (TYD 2110) STAFF
1101 TuTh.....2:00pm- 3:15pm (TWS 0147) Harris Jr, C
1301 MWF.....9:00am- 9:50am (TYD 1114) STAFF
1501 TuTh.....11:00am-12:15pm (DNC 11398) Harris Jr, C
1601 MWF.....2:00pm- 2:50pm (TYD 1102) Knight, R
2101 TuTh.....2:00pm- 2:50pm (TYD 0130) Weinstein, P
M.....11:00am-11:50am (DNC 11398) DIS
2102 TuTh.....2:00pm- 2:50pm (TYD 0130) Weinstein, P
M.....12:00pm-12:50pm (TYD 1128) DIS
2103 TuTh.....2:00pm- 2:50pm (TYD 0130) Weinstein, P
F.....10:00am-10:50am (TYD 2110) DIS
2104 TuTh.....2:00pm- 2:50pm (TYD 0130) Weinstein, P
F.....11:00am-11:50am (TYD 1132) DIS
2105 TuTh.....2:00pm- 2:50pm (TYD 0130) Weinstein, P
M.....1:00pm- 1:50pm (TYD 1132) DIS
2106 TuTh.....2:00pm- 2:50pm (TYD 0130) Weinstein, P
F.....1:00pm- 1:50pm (TYD 1114) DIS
2107 TuTh.....2:00pm- 2:50pm (TYD 0130) Weinstein, P
W.....10:00am-10:50am (TYD 2100) DIS
2108 TuTh.....2:00pm- 2:50pm (TYD 0130) Weinstein, P
F.....12:00pm-12:50pm (TYD 1128) DIS
2109 TuTh.....2:00pm- 2:50pm (TYD 0130) Weinstein, P
W.....11:00am-11:50am (TYD 1132) DIS
2110 TuTh.....2:00pm- 2:50pm (TYD 0130) Weinstein, P
F.....10:00am-10:50am (TYD 1132) DIS
2111 TuTh.....2:00pm- 2:50pm (TYD 0130) Weinstein, P
W.....10:00am-10:50am (TYD 1114) DIS
2112 TuTh.....2:00pm- 2:50pm (TYD 0130) Weinstein, P
W.....1:00pm- 1:50pm (HZF 1108) DIS
2113 TuTh.....2:00pm- 2:50pm (TYD 0130) Weinstein, P
W.....2:00pm- 2:50pm (TYD 1114) DIS
2114 TuTh.....2:00pm- 2:50pm (TYD 0130) Weinstein, P
F.....1:00pm- 1:50pm (TYD 2100) DIS
2115 TuTh.....2:00pm- 2:50pm (TYD 0130) Weinstein, P
F.....9:00am- 9:50am (TYD 2110) DIS

ECON203H Principles of Economics II; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D Course. Recommended: ECON 201. 3 credits
0101 TuTh.....9:30am-10:45am (TYD 2110) Brechling, F

ECON205 Fundamentals of Economics; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D Course. Students in the College of Business and Management are required to take ECON 201 and should not take ECON 205. Not open to students who have completed ECON 201. Credit will be granted for only one of the following: ECON 201 or ECON 205. 3 credits
0701 MW.....2:00pm- 2:50pm (TYD 0130) Dorsey, J
Th.....2:00pm- 2:50pm (TYD 2111) DIS
0703 MW.....2:00pm- 2:50pm (TYD 0130) Dorsey, J
F.....9:00am- 9:50am (TYD 2100) DIS
0704 MW.....2:00pm- 2:50pm (TYD 0130) Dorsey, J
F.....12:00pm-12:50pm (JRN 1105) DIS
0705 MW.....2:00pm- 2:50pm (TYD 0130) Dorsey, J
M.....1:00pm- 1:50pm (TYD 0101) DIS
0706 MW.....2:00pm- 2:50pm (TYD 0130) Dorsey, J
F.....1:00pm- 1:50pm (HZF 1101) DIS
0707 MW.....2:00pm- 2:50pm (TYD 0130) Dorsey, J
M.....11:00am-11:50am (TYD 1132) DIS
0710 MW.....2:00pm- 2:50pm (TYD 0130) Dorsey, J
W.....1:00pm- 1:50pm (TYD 2100) DIS
0712 MW.....2:00pm- 2:50pm (TYD 0130) Dorsey, J
F.....11:00am-11:50am (LEF 1208) DIS
0715 MW.....2:00pm- 2:50pm (TYD 0130) Dorsey, J
M.....10:00am-10:50am (TYD 2110) DIS

ECON301 Current Issues in American Economic Policy; Grade Method: REG/P-F/AUD. Prerequisites: [ECON 201; and ECON 203] or ECON 205. 3 credits
0101 TuTh.....8:00am- 9:15am (ARM 0119) Nagelhout, P

ECON305 Intermediate Macroeconomic Theory and Policy; Grade Method: REG/P-F/AUD. Prerequisites: ECON 201; and ECON 203; and MATH 220. Credit will be granted for only one of the following: ECON 305 or ECON 405. Formerly ECON 401. 3 credits
0101 TuTh.....11:00am-12:15pm (TYD 2110) Baily, M
0201 TuTh.....12:30pm- 1:45pm (TYD 2106) Brechling, F
0401 TuTh.....8:00am- 9:15am (TYD 1102) STAFF
0801 TuTh.....12:30pm- 1:45pm (SHM 2102) Haliassos, M
0901 MWF.....11:00am-11:50am (TYD 0117) STAFF

ECON306 Intermediate Microeconomic Theory; Grade Method: REG/P-F/AUD. Prerequisites: ECON 201; and ECON 203; and MATH 220. Formerly ECON 403. 3 credits
0101 TuTh.....11:00am-12:15pm (TYD 0101) Weinstein, P
0201 TuTh.....2:00pm- 3:15pm (TYD 2106) STAFF
0301 TuTh.....11:00am-12:15pm (TYD 2111) STAFF
0401 TuTh.....12:30pm- 1:45pm (TYD 0101) STAFF
0501 TuTh.....9:30am-10:45am (TYD 1101) Hulten, C
0701 TuTh.....12:30pm- 1:45pm (TYD 1114) STAFF
0801 TuTh.....2:00pm- 3:15pm (SCP 1119) STAFF

ECON311 American Economic Development; Grade Method: REG/P-F/AUD. USP Distributive Studies Area D Course. Prerequisites: [ECON 201; and ECON 203] or ECON 205. 3 credits
0101 TuTh.....11:00am-12:15pm (ARM 0110) Wallis, J
0201 TuTh.....2:00pm- 3:15pm (TYD 1128) Wallis, J

ECON315 Economic Development of Underdeveloped Areas; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. Prerequisites: [ECON 201; and ECON 203] or ECON 205. Credit will be granted for only one of the following: ECON 315 or ECON 416. Formerly ECON 415. 3 credits
0101 MWF.....11:00am-11:50am (SCP 1120) STAFF
0201 TuTh.....11:00am-12:15pm (TYD 2106) Betancourt, R
0301 TuTh.....9:30am-10:45am (TYD 1102) Betancourt, R

ECON321 Economic Statistics; Grade Method: REG/P-F/AUD. Prerequisite: MATH 220 or equivalent. Not open to students who have completed BMGT 230 or BMGT 231. Formerly ECON 421. 3 credits
0101 MWF.....9:00am- 9:50am (TYD 2111) Anderson, G

ECON355 Economics of Crime and Law Enforcement; Grade Method: REG/P-F/AUD. Prerequisite: [ECON 201; and ECON 203] or ECON 205. 3 credits
0101 TuTh.....2:00pm- 3:15pm (TYD 1102) Myers, S

ECON361 Economics of American Industries; Grade Method: REG/P-F/AUD. Prerequisites: [ECON 201; and ECON 203] or ECON 205. 3 credits
0301 TuTh.....8:00am- 9:15am (TYD 2106) Kedia, M

ECON370 Labor Markets, Human Resources, and Trade Unions; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. Prerequisites: [ECON 201; and ECON 203] or ECON 205. Credit will be granted for only one of the following: ECON 370 or ECON 470. 3 credits
0101 MWF.....11:00am-11:50am (TYD 2111) Knight, R
0201 MWF.....9:00am- 9:50am (TYD 2106) Knight, R
0301 TuTh.....11:00am-12:15pm (COL 0104) Montgomery, E

ECON375 Economics of Poverty and Discrimination; Grade Method: REG/P-F/AUD. CORE Distributive Studies Cultural Diversity Course. USP Advanced Studies Analysis of Human Problems Course. Prerequisites: [ECON 201; and ECON 203] or ECON 205. 3 credits
0101 TuTh.....9:30am-10:45am (TYD 2109) Williams, R

ECON396 Independent Honors Study; Grade Method: REG/P-F/AUD. Prerequisite: candidacy for honors in economics or by permission of instructor. 3 credits
0101 Tu.....3:30pm- 6:00pm (TYD 2100) Oates, W

ECON397 Honors Thesis; Grade Method: REG/P-F/AUD. Prerequisites: ECON 396 and candidacy for honors in economics. 3 credits
0101 Time and room to be arranged Oates, W

ECON398D Topics in Economics: Comparative Institutional Development; Grade Method: REG/P-F/AUD. Prerequisite: ECON 305, ECON 306 or ECON 315. 3 credits
0101 MW.....11:00am-12:15pm (TYD 1114) Clague, C

ECON399 Individual Reading and Research For Undergraduates; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Permission of instructor must be arranged in advance. Open only to students who have previously earned 6 or more credits in upper division economics courses. 3 credits

ECON402 Macroeconomic Models and Forecasting; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course. Prerequisite: ECON 305 or ECON 405. 3 credits
0201 MWF.....10:00am-10:50am (TYD 2111) STAFF
0301 TuTh.....9:00am- 9:15am (TYD 1114) Almon Jr, C

ECON422 Quantitative Methods in Economics I; Grade Method: REG/P-F/AUD. Prerequisite: ECON 201; and ECON 203; and [ECON 321 or BMGT 230:] or permission of department. 3 credits
0101 MWF.....11:00am-11:50am (TYD 0101) Anderson, G
0201 MW.....12:30pm- 1:45pm (TYD 1114) Cropper, M

ECON425 Mathematical Economics; Grade Method: REG/P-F/AUD. Prerequisites: ECON 305 or ECON 405, and ECON 306 or ECON 406, and MATH 220 or equivalent. 3 credits
0201 TuTh.....2:00pm- 3:15pm (TYD 0101) Coughlin, P

ECON430 Money and Banking; Grade Method: REG/P-F/AUD. Prerequisites: ECON 201 and ECON 203. Credit will be granted for only one of the following: ECON 430 or ECON 431. 3 credits
0201 MWF.....10:00am-10:50am (TYD 0130) Meyer, P

ECON440 International Economics; Grade Method: REG/P-F/AUD. Prerequisites: ECON 201 and ECON 203. Credit will be granted for only one of the following: ECON 440 or ECON 441. 3 credits
0301 TuTh.....3:30pm- 4:45pm (TYD 1102) Zeck, M
0501 TuTh.....2:00pm- 3:15pm (TYD 1114) Zeck, M
0601 TuTh.....11:00am-12:15pm (SCP 1120) McGuire, M

ECON441 Theory of International Economics; Grade Method: REG/P-F/AUD. Prerequisite: ECON 305 or ECON 405; and ECON 306 or ECON 406. Credit will be granted for only one of the following: ECON 440 or ECON 441. 3 credits
0101 TuTh.....9:30am-10:45am (TYD 1114) McGuire, M

ECON454 Theory of Public Finance and Fiscal Federalism; Grade Method: REG/AUD. Prerequisite: ECON 306 or ECON 406. Credit will be granted for only one of the following: ECON 450 or ECON 454. 3 credits
0101 TuTh.....11:00am-12:15pm (TYD 1128) Lyon, A

ECON460 Industrial Organization; Grade Method: REG/P-F/AUD. Prerequisite: ECON 306 or ECON 406. 3 credits
0101 TuTh.....2:00pm- 3:15pm (TYD 2110) Evans, W

ECON470 Theory of Labor Economics; Grade Method: REG/P-F/AUD. Prerequisite: ECON 306 or ECON 406. Credit will be granted for only one of the following: ECON 370 or ECON 470. 3 credits
0101 TuTh.....11:00am-12:15pm (TYD 1114) Abraham, K
0201 TuTh.....9:30am-10:45am (COL 3109) Montgomery, E

ECON476 American Living Standards and Poverty; Grade Method: REG/P-F/AUD. Prerequisite: ECON 305 and ECON 321 or permission of department. Also offered as PUAF 730. 3 credits
0101 MW.....2:00pm- 3:30pm (LEF 1222) Levy, F

ECON600 (PermReq) Analytical Techniques for Economists; Grade Method: REG/AUD. Prerequisite: permission of department. Advanced special students not permitted. 3 credits
0101 TuTh.....9:30am-10:45am (TYD 2106) Coughlin, P
W.....3:15pm- 5:00pm (TYD 1102) DIS

ECON601 Macroeconomic Analysis I; Grade Method: REG/AUD. Prerequisite: ECON 600 or permission of department. 3 credits
0101 MW.....9:30am-10:45am (TYD 2140) Drazen, A
M.....5:00pm- 7:00pm (TYD 1114) DIS
0201 MW.....11:00am-12:15pm (TYD 2100) Drazen, A
F.....2:00pm- 3:15pm (TYD 1114) DIS

ECON603 Microeconomic Analysis I; Grade Method: REG/AUD. Prerequisite: ECON 600 or permission of department. 3 credits
0101 TuTh.....2:00pm- 3:15pm (TYD 2100) Schwab, R
W.....7:00pm- 9:00pm (TYD 0101) DIS
0201 TuTh.....11:00am-12:15pm (TYD 2100) Schwab, R
F.....3:30pm- 5:00pm (TYD 2110) DIS

ECON611 (PermReq) Seminar in American Economic Development; Grade Method: REG/AUD. Prerequisite: permission of department. 3 credits
0101 TuTh.....9:30am-10:45am (TYD 2140) Wallis, J

ECON615 Economic Development of Underdeveloped Areas; Grade Method: REG/AUD. Prerequisite: ECON 603 or permission of department. 3 credits
0101 MW.....2:00pm- 3:15pm (TYD 1101) Clague, C

ECON622 Quantitative Economics II; Grade Method: REG/AUD. Prerequisite: ECON 621 or permission of department. Advanced special students not permitted. 3 credits
0101 TuTh.....5:00pm- 6:15pm (TYD 2110) Kelejian, H
W.....5:00pm- 6:15pm (TYD 1114) DIS

ECON625 (PermReq) Quantitative Methods in Practice; Grade Method: REG/AUD. Prerequisite: ECON 621 or equivalent. 3 credits
0101 TuTh.....12:30pm- 1:45pm (TYD 2140) Almon Jr, C

ECON661 The Corporate Firm; Grade Method: REG/AUD. Prerequisites: ECON 603, and ECON 662 or ECON 624. 3 credits
0101 MW.....9:30am-10:45am (TYD 1132) Mueller, D

ECON698 Selected Topics in Economics; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

ECON6980 Selected Topics in Economics: Workshop on Productivity and Growth; Grade Method: REG/AUD. — 3 credits
0101 Th.....5:00pm- 7:30pm (TYD 2140) Hulten, C

ECON701 (PermReq) Advanced Macroeconomics I; Grade Method: REG/AUD. Prerequisite: ECON 601; and ECON 602. — 3 credits
0101 MW.....11:00am-12:15pm (TYD 2140) Haltiwanger, J

ECON721 Econometrics III; Grade Method: REG/AUD. Prerequisite: ECON 624 or permission of instructor. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (TYD 2110) Prucha, I

ECON731 Monetary Economics; Grade Method: REG/AUD. Prerequisite: ECON 601 or permission of department. — 3 credits
0101 TuTh.....9:30am-10:45am (TYD 1132) Haliassos, M

ECON742 Advanced International Economics II; Grade Method: REG/AUD. Prerequisite: ECON 603 or permission of department. Advanced special students not permitted. — 3 credits
0101 W.....6:00pm- 8:30pm (TYD 2140) Panagariya, A

ECON752 Seminar in Public Finance; Grade Method: REG/AUD. Prerequisite: ECON 751. — 3 credits
0101 TuTh.....9:30am-10:45am (KEY 0120) Lyon, A

ECON755 Theory of Public Choice I; Grade Method: REG/AUD. Prerequisite: ECON 604 or permission of department. — 3 credits
0101 MW.....12:30pm- 1:45pm (TYD 2140) Olson, M

ECON771 Advanced Labor Economics: Theory and Evidence; Grade Method: REG/AUD. Prerequisite: ECON 603, and (ECON 621, or ECON 624) or permission of department. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (TYD 2140) Abraham, K

ECON781 Advanced Environmental Economics; Grade Method: REG/AUD. Prerequisites: ECON 603 and (ECON 621 or ECON 624) or permission of department. — 3 credits
0101 MW.....2:00pm- 3:15pm (TYD 1132) Cropper, M

ECON799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

ECON808 Workshop on Macroeconomics and Growth: Workshop in Applied Economics; Grade Method: SATISFACTORY/AUDIT. — 3 credits
0101 W.....3:30pm- 6:00pm (TYD 2100) Haltiwanger, J

ECON848 Workshop in International Development and Comparative Economics: Workshop in Trade and Development; Grade Method: SATISFACTORY/AUDIT. — 3 credits
0101 Tu.....3:30pm- 6:00pm (TYD 2111) Clague, C

ECON858 (PermReq) Workshop in Public Economics: Public Economics Workshop; Grade Method: SATISFACTORY/AUDIT. — 3 credits
0101 M.....3:30pm- 6:00pm (TYD 1132) Oates, W

ECON868 (PermReq) Workshop in Industrial Organization; Grade Method: SATISFACTORY/AUDIT. — 3 credits
0101 Tu.....3:30pm- 6:00pm (KEY 0116) Mueller, D

ECON878 Workshop in Labor Economics: Workshop in Labor Economics; Grade Method: SATISFACTORY/AUDIT. — 3 credits
0101 Th.....3:30pm- 6:00pm (TYD 0101) Abraham, K

ECON899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

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EDCI Curriculum and Instruction (Education)

EDCI280 School Service Semester; Grade Method: S-F. — 3 credits
0101 M.....11:00am-11:50am (EDU 1121) Amershek, K
Tu.....8:00am- 4:00pm (Arranged) LAB
0102 M.....11:00am-11:50am (EDU 1121) Amershek, K
Th.....8:00am- 4:00pm (Arranged) LAB
0201 Th.....3:00pm- 3:50pm (EDU 0114) Amershek, K
M.....8:00am- 4:00pm (Arranged) LAB
0202 Th.....3:00pm- 3:50pm (EDU 0114) Amershek, K
MW.....8:00am-12:00pm (Arranged) LAB
0203 Th.....3:00pm- 3:50pm (EDU 0114) Amershek, K
W.....8:00am- 4:00pm (Arranged) LAB
0401 Tu.....3:00pm- 3:50pm (EDU 0114) Amershek, K
Tu.....8:00am- 4:00pm (Arranged) LAB

EDCI288D (PermReq) Special Topics in Teacher Education: Developmental Heuristics; Grade Method: REG. — 3 credits
0101 Time and room to be arranged Beyene, T

EDCI288M (PermReq) Special Topics in Teacher Education: Tutoring in Remedial Mathematics; Grade Method: REG/P-F/AUD. — 1-3 credits
0101 Time and room to be arranged Shearn, E

EDCI298 (PermReq) Special Problems in Teacher Education; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

EDCI300 Curriculum and Instruction in Art Education; Grade Method: REG/P-F/AUD. Prerequisite: admission to Teacher Education Program. Art education majors only. — 3 credits
0101 Th.....4:00pm- 7:00pm (EDU 1315) Craig, R

EDCI301 Teaching Art in the Elementary School; Grade Method: REG/P-F/AUD. For elementary and pre-elementary education majors only. Not open to art education majors. — 3 credits
0101 M.....1:00pm- 4:00pm (EDU 1315) STAFF
0201 W.....1:00pm- 4:00pm (EDU 1315) STAFF

EDCI312 Professional Development Seminar in Early Childhood Education; Grade Method: REG/P-F/AUD. Prerequisite: EDCI 280 or permission of department. For ECE majors only. Blocked with EDCI 313, EDCI 443A, EDCI 488E and EDHD 419A. — 3 credits
0101 M.....1:00pm- 3:45pm (EDU 1107) Amershek, K

EDCI313 Creative Activities and Materials for the Young Child; Grade Method: REG/P-F/AUD. Prerequisite: EDCI 280. Corequisites: EDHD 300; and MUED 450; and EDCI 318; and EDCI 314. Field experiences scheduled on Monday and Wednesday. Blocked with EDCI 443A, 312, 488E, EDHD 419A. Early childhood majors only. — 3 credits
0101 Tu.....1:00pm- 3:00pm (EDU 0114) Klein, E
Time and room to be arranged

EDCI320 Curriculum and Instruction in Secondary Education: Social Studies/ History; Grade Method: REG/P-F/AUD. Prerequisites: EDHD 300; and EDCI 390. Secondary education social studies majors only. — 3 credits
0101 M.....2:00pm- 5:00pm (JRN 1101) Wilson, R

EDCI322A Curriculum and Instruction in Elementary Education: Social Studies; Grade Method: REG/P-F/AUD. Prerequisites: EDCI 397; and EDHD 300. Teamed with EDCI 342A, 352A, 362A, and 372A. Elementary education majors only. — 3 credits
0101 M.....1:00pm- 3:00pm (EDU 2102) STAFF
Time and room to be arranged LAB

EDCI322B Curriculum and Instruction in Elementary Education: Social Studies; Grade Method: REG/P-F/AUD. Prerequisites: EDCI 397; and EDHD 300. Teamed with EDCI 342B, 352B, 362B, and 372B. Elementary education majors only. — 3 credits
0101 Th.....1:00pm- 2:50pm (EDU 0206) Herman Jr., W
Time and room to be arranged LAB

EDCI330 Curriculum and Instruction in Secondary Education: Foreign Language; Grade Method: REG/P-F/AUD. Prerequisites: EDHD 300; and EDCI 390. — 3 credits
0101 MW.....2:00pm- 3:15pm (EDU 2101) Delorenzo, W

EDCI340 Curriculum and Instruction in Secondary Education: English/ Speech/ Theatre; Grade Method: REG/P-F/AUD. Prerequisites: EDHD 300; and EDCI 390. Corequisite: EDCI 447. Secondary English/speech/drama education majors only. — 3 credits
0101 MW.....2:00pm- 3:15pm (EDU 3315) Slater, W

EDCI342A Curriculum and Instruction in Elementary Education: Language Arts; Grade Method: REG/P-F/AUD. Prerequisites: EDCI 397; and EDHD 300. Teamed with EDCI 352A, 362A, 372A, and 322A. Elementary education majors only. — 3 credits
0101 W.....1:00pm- 3:00pm (EDU 2102) Roderick, J
Time and room to be arranged LAB

EDCI342B Curriculum and Instruction in Elementary Education: Language Arts; Grade Method: REG/P-F/AUD. Prerequisites: EDCI 397; and EDHD 300. Teamed with EDCI 352B, 362B, 372B, 322B. Elementary education majors only. — 3 credits
0101 Tu.....1:00pm- 2:50pm (EDU 0206) O'Flahavan, J
Time and room to be arranged LAB

EDCI350 Curriculum and Instruction in Secondary Education: Mathematics; Grade Method: REG. Prerequisites: EDHD 300; and EDCI 390. Six semester hours of 400-level mathematics courses required. Secondary math education majors only. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (EDU 2121) Davidson, N

EDCI352A Curriculum and Instruction in Elementary Education: Mathematics; Grade Method: REG/P-F/AUD. Prerequisites: MATH 210; and MATH 211; and EDCI 397; and EDHD 300. Teamed with EDCI 322A, EDCI 342A, EDCI 362A, EDCI 372A. Elementary education majors only. — 3 credits
0101 MW.....10:30am-11:20am (EDU 2121) Johnson, M
Time and room to be arranged LAB

EDCI352B Curriculum and Instruction in Elementary Education: Mathematics; Grade Method: REG/P-F/AUD. Prerequisites: MATH 210; and MATH 211; and EDCI 397; and EDHD 300. Teamed with EDCI 322B, EDCI 342B, EDCI 362B, EDCI 372B. Elementary education majors only. — 3 credits
0101 Tu.....9:30am-11:20am (EDU 2121) Carey, D
Time and room to be arranged LAB

EDCI362A Curriculum and Instruction in Elementary Education: Reading; Grade Method: REG/P-F/AUD. Prerequisites: EDCI 397; and EDHD 300. Teamed with EDCI 322A, 342A, 352A, 372A. Elementary education majors only. — 3 credits
0101 M.....8:30am-10:20am (EDU 1121) Gambrell, L
Time and room to be arranged LAB

EDCI362B Curriculum and Instruction in Elementary Education: Reading; Grade Method: REG/P-F/AUD. Prerequisites: EDCI 397; and EDHD 300. Teamed with EDCI 322B, 342B, 352B, 372B. Elementary education majors only. — 3 credits
0101 TuTh.....8:30am- 9:20am (EDU 1121) Afflerbach, P
Time and room to be arranged LAB

EDCI370 Curriculum and Instruction in Secondary Education: Science; Grade Method: REG/P-F/AUD. Prerequisites: EDHD 300; and EDCI 390. Reserve one day per week for school observations. Secondary education science majors only. — 3 credits
0101 TuTh.....2:00pm- 3:50pm (EDU 2212) Holliday, W

EDCI372A Curriculum and Instruction in Elementary Education: Science; Grade Method: REG/P-F/AUD. Prerequisites: EDCI 397; and EDHD 300. Teamed with EDCI 322A, 342A, 352A, 362A. Elementary education majors only. — 3 credits
0101 W.....8:30am-10:20am (EDU 2212) Eley Jr, G
Time and room to be arranged LAB

EDCI372B Curriculum and Instruction in Elementary Education: Science; Grade Method: REG/P-F/AUD. Prerequisites: EDCI 397; and EDHD 300. Teamed with EDCI 322B, 342B, 352B, 362B. Elementary education majors only. — 3 credits
0101 Th.....9:30am-11:20am (EDU 2212) Dierking, L
Time and room to be arranged LAB

EDCI385 Computers for Teachers; Grade Method: REG/P-F/AUD. Prerequisite: admission to teacher education. Credit will be granted for only one of the following: EDCI 385, EDCI 487, EDIT 406, EDIT 477, or EDSP 480. Elementary education majors only. Early childhood education majors take EDCI 488E. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (EDU 2101) STAFF
0201 MW.....8:30am- 9:45am (EDU 1107) STAFF

EDCI386 Field Work; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: EDCI 387. — 1-3 credits

EDCI387 Field Work Analysis; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: EDCI 386. — 1-3 credits

EDCI390 Principles and Methods of Secondary Education; Grade Method: REG/P-F/AUD. Pre- or corequisite: EDHD 300; or permission of department. Open to secondary education majors. Open also to majors 0803C, 0803G, 0803H, 0839B, 0839C, 08350, 08370, 08380. — 3 credits
0101 Tu.....4:15pm- 7:00pm (TWS 0138) STAFF
0201 W.....4:15pm- 7:00pm (EDU 1121) Brigham, B

EDCI397 Principles and Methods of Teaching in Elementary Schools; Grade Method: REG/P-F/AUD. Prerequisite: admission to teacher education. For elementary education majors only. — 3 credits
0101 TuTh.....9:30am-10:45am (EDU 0114) Jantz, R
0201 MW.....2:00pm- 3:15pm (EDU 3233) Eley Jr, G

EDCI401 Student Teaching in Elementary School: Art; Grade Method: S-F. Prerequisite: EDCI 300. Limited to art education majors who have previously applied. — 4-8 credits
0101 Time and room to be arranged McWhinnie, H

EDCI402 Student Teaching in Secondary Schools: Art; Grade Method: S-F. Prerequisite: EDCI 300. — 2-8 credits
0101 Time and room to be arranged McWhinnie, H

EDCI406 Practicum in Art Education: Two-Dimensional; Grade Method: REG/P-F/AUD. Prerequisite: permission of department. — 3 credits
0101 Tu.....1:00pm- 4:00pm (EDU 1315) Craig, R

EDCI411 Student Teaching: Preschool; Grade Method: S-F. For EDCI majors only. — 4 credits
0101 Time and room to be arranged STAFF

EDCI412 Student Teaching: Kindergarten; Grade Method: S-F. For EDCI majors only. — 4 credits
0101 Time and room to be arranged STAFF

EDCI413 Student Teaching: Primary Grades; Grade Method: S-F. For EDCI majors only. — 8 credits
0101 Time and room to be arranged STAFF

EDCI420 Student Teaching Seminar in Secondary Education: Social Studies; Grade Method: S-F. Corequisite: EDCI 421 or EDCI 422. — 3 credits
0101 M.....4:15pm- 7:00pm (EDU 0202) Adomanis, J

EDCI421 Student Teaching in Secondary Schools: Social Studies/History; Grade Method: S-F. Prerequisite: EDCI 320. Corequisite: EDCI 420. — 12 credits
0101 Time and room to be arranged Cirrincione, J

EDCI426 Methods of Teaching Social Studies in Secondary Schools; Grade Method: REG/P-F/AUD. Prerequisites: EDHD 300; and EDCI 390. — 3 credits
0101 M.....2:00pm- 5:00pm (JRN 1101) Wilson, R

EDCI434 Methods of Teaching English to Speakers of Other Languages; Grade Method: REG/P-F/AUD. — 3 credits
0101 W.....4:15pm- 7:00pm (EDU 0202) Wong, S

EDCI435 Teaching Reading in a Second Language; Grade Method: REG/P-F/AUD. Prerequisite: permission of department. — 3 credits
0101 Tu.....4:15pm- 7:00pm (EDU 2121) Wong, S

EDCI438 (PermReq) Field Experience in TESOL; Grade Method: REG/P-F/AUD. Prerequisite: EDCI 434 or equivalent. — 3 credits
0101 Time and room to be arranged Delorenzo, W

EDCI440 Student Teaching Seminar in Secondary Education: English, Speech, Theatre; Grade Method: S-F. Prerequisite: EDCI 340. Corequisite: EDCI 441. Meets Sept. 18, Oct. 16, Nov. 6, Dec. 4. — 1 credit
0101 W.....4:15pm- 5:45pm (COL 3109) Slater, W
Time and room to be arranged

EDCI441 Student Teaching in Secondary Schools: English; Grade Method: S-F. Prerequisite: EDCI 340 or EDCI 442 or EDCI 448. Corequisite: EDCI 440. — 6-12 credits
0101 Time and room to be arranged Slater, W

EDCI442 Student Teaching in Secondary Schools: Speech; Grade Method: S-F. Prerequisite: EDCI 340. Corequisite: EDCI 440. — 6-12 credits
0101 Time and room to be arranged Slater, W

EDCI443 Literature for Children and Youth; Grade Method: REG/P-F/AUD. For elementary education and pre-elementary education majors only. — 3 credits
0101 Tu.....1:00pm- 4:00pm (EDU 1121) Heidelbach, R
0201 Th.....1:00pm- 4:00pm (EDU 1121) Heidelbach, R

EDCI443A Literature for Children and Youth; Grade Method: REG/P-F/AUD. For elementary education and pre-elementary education majors only. For early childhood majors only. Blocked with EDCI 312, EDCI 313, EDCI 488E, EDHD 419A. — 3 credits
0101 Th.....9:00am-11:00am (EDU 4233) Herman Jr., W
Time and room to be arranged LAB

EDCI446 Methods of Teaching English, Speech, Theatre in Secondary Schools; Grade Method: REG. Prerequisites: EDHD 300; and EDCI 390; or permission of department. — 3 credits
0101 MW.....2:00pm- 3:15pm (EDU 0206) Slater, W

EDCI447 Field Experience in English, Speech, Theatre Teaching; Grade Method: S-F. Corequisite: EDCI 340. Secondary English/speech/drama education majors only. — 1 credit
0101 Time and room to be arranged McCaleb, J

EDCI448 Student Teaching in Secondary Schools: Theatre; Grade Method: REG/P-F/AUD. — 6-12 credits
0101 Time and room to be arranged Slater, W

EDCI450 Student Teaching Seminar in Secondary Education: Mathematics; Grade Method: REG/P-F/AUD. Corequisite: EDCI 451. — 3 credits
0101 M.....4:15pm- 7:00pm (EDU 2121) Fey, J

EDCI451 Student Teaching in Secondary Schools: Mathematics; Grade Method: S-F. Prerequisite: EDCI 350. — 12 credits
0101 Time and room to be arranged Fey, J

EDCI453 (PermReq) Mathematics in the Elementary School; Grade Method: REG/P-F/AUD. Prerequisite: MATH 210 or equivalent. Masters Certification students only. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (EDU 2121) Carey, D

EDCI456 Teaching Mathematics to the Educationally Handicapped; Grade Method: REG/P-F/AUD. Prerequisites: [EDSP 331; and EDSP 332; and EDSP 333; and EDSP 443; and MATH 210] or permission of department. For special education majors only. — 3 credits
0101 MW.....1:15pm- 2:30pm (EDU 2121) Graeber, A

EDCI463 The Teaching of Reading in the Secondary School; Grade Method: REG/P-F/AUD. — 3 credits
0101 Th.....7:00pm- 9:45pm (EDU 1107) Brigham, B
0201 Tu.....4:15pm- 7:00pm (EDU 1315) Brigham, B

EDCI464 Clinical Practices in Reading Diagnosis and Instruction; Grade Method: REG/P-F/AUD. Prerequisite: EDCI 362 or EDCI 463. — 3 credits
0101 W.....4:15pm- 7:00pm (COL 3110) Grant, R
0201 Th.....4:00pm- 7:00pm (EDU 0202) Grant, R

EDCI473 Environmental Education; Grade Method: REG/P-F/AUD. Open to non-education majors. — 3 credits
0101 W.....4:15pm- 7:00pm (EDU 2212) Messersmith, D

EDCI481 Student Teaching: Elementary; Grade Method: S-F. For EDCI majors only. Limited to elementary majors who have previously applied. — 12 credits
0101 Time and room to be arranged Jantz, R

EDCI484 Student Teaching in Elementary School: Music; Grade Method: S-F. For EDCI majors only. Limited to music education majors enrolled in the Department of Curriculum and Instruction who have previously applied. — 4-6 credits
0101 Time and room to be arranged Folstrom, R

EDCI485 Student Teaching in Elementary School: Physical Education; Grade Method: S-F. For EDCI majors only. Limited to majors who have previously applied. — 4-8 credits
0101 Time and room to be arranged Owens, L

EDCI488E Selected Topics in Teacher Education: Field Problem Analysis; Grade Method: REG. Prequisite: admission to teacher education. Blocked with EDCI 313, EDCI 443A, EDCI 312, EDHD 419A. Early childhood education majors only. — 3 credits
0101 Th.....11:00am-12:00pm (EDU 1107) Fein, G
Time and room to be arranged LAB

EDCI488R (PermReq) Selected Topics in Teacher Education: Instructional Materials Production; Grade Method: REG/AUD. Permission may be obtained from either the College of Library and Information Services or the College of Education - Department of Curriculum and Instruction. — 3 credits
0101 Tu.....4:15pm- 7:00pm (EDU 0306) Clabaugh, S

EDCI489 (PermReq) Field Experiences in Education; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-4 credits

EDCI491 Student Teaching in Secondary Schools: Health; Grade Method: S-F. For EDCI majors only. — 12 credits
0101 Time and room to be arranged Owens, L

EDCI494 Student Teaching in Secondary Schools: Music; Grade Method: S-F. For EDCI majors only. — 2-8 credits
0101 Time and room to be arranged Folstrom, R

EDCI495 Student Teaching in Secondary Schools: Physical Education; Grade Method: S-F. For EDCI majors only. — 2-8 credits
0101 Time and room to be arranged Owens, L

EDCI498 (PermReq) Special Problems in Teacher Education; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

EDCI611 The Young Child in the Community; Grade Method: REG/AUD. — 3 credits
0101 Tu.....7:00pm-10:00pm (EDU 2101) STAFF

EDCI630 Trends in Secondary School Curriculum: Foreign Language; Grade Method: REG/AUD. — 3 credits
0101 M.....4:15pm- 7:00pm (EDU 0206) Delorenzo, W

EDCI637 Advanced Laboratory Practice in Foreign — 2-6 credits

(PermReq) Language/TESOL Education; Grade Method: REG/AUD. Prerequisites: EDCI 434; and EDCI 634; or permission of department.
0101 Time and room to be arranged — Delorenzo, W

EDCI650 Trends in Mathematics Education; Grade Method: REG/AUD. — 3 credits
0101 W.....4:15pm- 7:00pm (EDU 2121) — Johnson, M

EDCI660 Corrective Reading Instruction; Grade Method: REG/AUD. Prerequisite: EDCI 362 or EDCI 463 or equivalent. — 3 credits
0101 W.....4:00pm- 7:00pm (EDU 1203) — Dreher, J

EDCI664 Clinical Assessment in Reading; Grade Method: REG/AUD. Prerequisites: EDCI 660; and (EDCI 663 or EDCI 667). — 3 credits
0101 W.....4:00pm- 7:00pm (EDU 0114) — Afflerbach, P

EDCI666 The Role of the Reading Resource Teacher; Grade Method: REG/AUD. Prerequisites: (EDCI 663 or EDCI 667); and EDMS 645. — 3 credits
0101 Tu.....4:00pm- 7:00pm (EDU 1121) — Gambrell, L

EDCI683 Implementation of Curricular Specialties; Grade Method: REG/AUD. — 3 credits
0101 Th.....4:00pm- 7:00pm (EDU 2121) — STAFF

EDCI685 Research Methods; Grade Method: REG/AUD. — 3 credits
0101 Tu.....4:15pm- 7:00pm (EDU 0206) — Slater, W

EDCI693 (PermReq) Research on Effective Teaching; Grade Method: REG. Prerequisite: permission of department. Masters certification students only. — 3 credits
0101 W.....4:15pm- 7:00pm (COL 0104) — STAFF

EDCI695 Teaching Science and Social Studies through Environmental Study; Grade Method: REG/AUD. For LCI majors only. — 3 credits
0101 Th.....2:00pm- 5:00pm (ASY 3219) — Jantz, R

EDCI700 Theory and Research in Art Education; Grade Method: REG/AUD. — 3 credits
0101 Tu.....4:15pm- 7:00pm (EDU 1203) — McWhinnie, H

EDCI711 Education and Group Care of the Infant and Young Child; Grade Method: REG/AUD. Prerequisite: EDMS 645 or permission of department. — 3 credits
0101 W.....7:00pm- 9:45pm (EDU 2101) — Fein, G

EDCI713 Research in Early Childhood Education; Grade Method: REG/AUD. Prerequisite: EDMS 645 or permission of department. — 3 credits
0101 Th.....4:00pm- 7:00pm (EDU 2234) — Klein, E

EDCI720 (PermReq) Theory and Research in Social Studies Education; Grade Method: REG/AUD. Prerequisites: [EDCI 620 or EDCI 622]; and EDMS 645. — 3 credits
0101 Time and room to be arranged — Cirrincione, J

EDCI769 Theory and Research in Reading; Grade Method: REG/AUD. — 3 credits
0101 Tu.....4:00pm- 7:00pm (EDU 2212) — Davey, H

EDCI770 Foundations of Science Education; Grade Method: REG/AUD. Prerequisite: EDCI 670 or EDCI 671; or permission of department. — 3 credits
0101 Tu.....7:00pm-10:00pm (EDU 2212) — Layman, J

EDCI780 Theory and Research on Teaching; Grade Method: REG/AUD. — 3 credits
0101 Th.....7:00pm- 9:45pm (EDU 2101) — McCaleb, J

EDCI788G Selected Topics in Teacher Education: Proseminar; Grade Method: REG/AUD. For Master's Certification students only. — 1-3 credits
0101 M.....9:00am-12:00pm (EDU 2101) — STAFF
Time and room to be arranged DIS

EDCI788I (PermReq) Selected Topics in Teacher Education: Teaching of Reading and Writing: Elementary and Secondary; Grade Method: REG. Masters certification students only. — 3 credits
0101 Tu.....4:00pm- 7:00pm (COL 0100) — O'Flahavan, J

EDCI788N Selected Topics in Teacher Education: Doctoral Research Seminar in Science Education; Grade Method: REG/AUD. — 1 credit
0101 Th.....7:00pm- 9:00pm (EDU 2212) — Lockard, J

EDCI798 (PermReq) Special Problems in Teacher Education; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

EDCI799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

EDCI858 Seminar in Mathematics Education; Grade Method: REG/AUD. — 1 credit
0101 F.....10:00am-12:00pm (EDU 2121) — Campbell, P
Time and room to be arranged DIS

EDCI880 Doctoral Proposal Seminar; Grade Method: REG/AUD. Prerequisites: EDCI 685; and EDCI 780; and permission of department. — 3 credits
0201 Tu.....4:15pm- 7:00pm (EDU 2234) — Roderick, J

EDCI888 (PermReq) Apprenticeship in Education; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

EDCI889 (PermReq) Internship in Education; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 3-8 credits

EDCI899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

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EDCP Education Counseling and Personnel Services (Education)

All sections of EDCP 108, except EDCP 108R, closed to seniors.

EDCP108B College and Career Advancement: Concepts and Skills: Reading and Study Skills; Grade Method: REG/P-F/AUD. — 1 credit
0201 MW.....9:00am- 9:50am (SHM 2102) — Van Brunt, J

EDCP108D College and Career Advancement: Concepts and Skills: Career Planning and Decision Making; Grade Method: REG/P-F/AUD. Recommended for second semester freshmen and sophomores. Sections 0701 and 0801 recommended for Juniors and Seniors only. — 1 credit
0101 M.....1:00pm- 3:00pm (EDU 4233) — STAFF
0201 M.....1:00pm- 3:00pm (EDU 0202) — STAFF
0301 Tu.....12:00pm- 2:00pm (EDU 0210) — STAFF
0401 Tu.....2:00pm- 4:00pm (JMZ 1117) — STAFF
0601 W.....2:00pm- 4:00pm (EDU 0114) — STAFF
0701 M.....1:00pm- 3:00pm (TWS 1204) — STAFF
0801 Tu.....12:30pm- 2:30pm (JMZ 2122) — STAFF

EDCP108K College and Career Advancement: Concepts and Skills: Reading at the College Level; Grade Method: REG. — 1 credit
0101 MW.....9:00am- 9:50am (EDU 0202) — STAFF

EDCP108L College and Career Advancement: Concepts and Skills: Listening and Note-Taking; Grade Method: REG. — 1 credit
0101 MW.....9:00am- 9:50am (EDU 0206) — STAFF

EDCP108M College and Career Advancement: Concepts and Skills: Math Study Skills and Building Confidence; Grade Method: REG/AUD. — 1 credit
0101 Meets 09/04/91 - 10/11/91 — Shearn, E
MWF.....1:00pm- 1:50pm (PHY 1221)
Enrollment limited to students concurrently enrolled in Math 001 and MATH 002.
0201 Meets 09/04/91 - 10/11/91 — STAFF
MWF.....2:00pm- 2:50pm (WDS 1131)
Enrollment limited to students concurrently enrolled in MATH 115 only.
0301 Meets 09/04/91 - 10/30/91 — Hight, O
MW.....4:00pm- 4:50pm (ARM 0121)
Enrollment limited to students concurrently enrolled in MATH 001 and MATH 002 only.

EDCP108N College and Career Advancement: Concepts and Skills: Minority Students; Grade Method: REG. Hispanic students are encouraged to register for these sections taught by a Hispanic instructor: 0112, 0113. — 1 credit
0101 M.....2:00pm- 3:00pm (HBK 0117) — Johnson, F
0102 M.....3:00pm- 4:00pm (HBK 1116) — Mack, P
0105 F.....9:00am-10:00am (HBK 0123) — Davis, D
0106 F.....10:00am-11:00am (HBK 0123) — Davis, D
0108 Th.....10:00am-11:00am (JMZ 1117) — Zeigler, R
0109 Th.....11:00am-12:00pm (HBK 0105) — Jackson, J
0111 M.....10:00am-11:00am (HBK 0123) — Zeigler, R
0112 M.....11:00am-12:00pm (HBK 0123) — Fuertes, J
0113 Tu.....12:00pm- 1:00pm (HBK 0115) — Fuertes, J
0114 Th.....12:00pm- 1:00pm (HBK 0105) — Smith, J

EDCP108O College and Career Advancement: Concepts and Skills: The Student in the University; Grade Method: REG. For first-time freshman only. — 1 credit
0101 M.....3:00pm- 5:00pm (EGR 0108) — Berman, M
Recommended for engineering majors.
0201 Tu.....3:00pm- 5:00pm (EGR 0102) — Berman, M
Recommended for engineering majors.
0301 W.....3:00pm- 5:00pm (EGR 0102) — Berman, M
Recommended for engineering majors.
0401 Th.....3:00pm- 5:00pm (EGR 0102) — Berman, M
Recommended for engineering majors.
0501 Th.....10:00am-12:00pm (TYD 1136) — Beardsley, K
Recommended for students in the College of Behavioral and Social Sciences.
0601 Th.....3:00pm- 5:00pm (EGR 0108) — Saddler-Assem,
Recommended for minority students in the Engineering Bridge Programme.
0701 Tu.....2:00pm- 4:00pm (JMZ 0103) — Higgins, W
Recommended for students in the College of Life Sciences.
0801 Th.....2:00pm- 4:00pm (SYM 0115) — Bean, G
Recommended for students in the College of Life Sciences.
0901 Tu.....9:00am-11:00am (SYM 0115) — Klavon, A
Recommended for students in the College of Life Sciences.
1001 Tu.....2:00pm- 4:00pm (JUL 1105) — Seibel, R
Recommended for students in the College of Agriculture.
1101 W.....9:00am-11:00am (SYM 0115) — Anderson, A
Recommended for students in the College of Life Sciences.
1201 W.....10:00am-12:00pm (EGR 3108) — Williams, T
Recommended for students in the College of Computer, Math and Physical Sciences.
1301 Tu.....1:00pm- 3:00pm (COL 3112) — Strumpf, G
1401 M.....3:00pm- 5:00pm (TWS 1204) — Strumpf, G
1501 M.....2:00pm- 4:00pm (TWS 0135) — Fracasso, J
Recommended for transfer students.
1601 Tu.....2:00pm- 4:00pm (TWS 0131) — Strumpf, G
1701 W.....3:00pm- 5:00pm (JMZ 0125) — Strumpf, G
1801 Tu.....10:00am-12:00pm (EDU 0202) — Strumpf, G
1901 Th.....10:00am-12:00pm (EDU 0202) — Strumpf, G
2001 Th.....2:00pm- 4:00pm (COL 3112) — Strumpf, G
2101 M.....2:00pm- 4:00pm (JMZ 0125) — Strumpf, G
2201 Th.....2:00pm- 4:00pm (JMZ 0208) — Strumpf, G
2301 Th.....3:00pm- 5:00pm (JMZ 0120) — Guenzler, M
2401 Tu.....3:00pm- 5:00pm (JMZ 3118) — Thomas Jr, W

EDCP108R College and Career Advancement: Concepts and Skills: Returning Students; Grade Method: REG/P-F/AUD. — 1 credit
0101 W.....1:00pm- 3:00pm (EDU 4233) — Greenfeig, B
0201 Th.....12:30pm- 2:30pm (JMZ 0125) — Goldberg, B

EDCP108T College and Career Advancement: Concepts and Skills: Time Management; Grade Method: REG. — 1 credit
0101 MW.....9:00am-10:00am (WDS 1127) — Van Brunt, J

EDCP310 Peer Counseling Theory and Skills; Grade Method: REG. — 3 credits
0101 TuTh.....9:30am-11:00am (EDU 2203) — STAFF
0301 W.....4:15pm- 7:00pm (JMZ 1120) — STAFF

EDCP310A (PermReq) Peer Counseling Theory and Skills; Grade Method: REG. Minority peer counseling. Recommended for students interested in helping minority students at UMCP. — 3 credits
0101 W.....2:00pm- 4:45pm (HBK 0117) — Cothran, M

EDCP386 (PermReq) Field Work; Grade Method: REG. Corequisite: EDCP 387. — 2 credits
0101 Time and room to be arranged — Komives, S

EDCP387 (PermReq) Field Work Analysis; Grade Method: REG. Corequisite: EDCP 386. — 1 credit
0101 Time and room to be arranged — Komives, S

EDCP417 (PermReq) Group Dynamics and Leadership; Grade Method: REG/P-F/AUD. Prerequisite: permission of department. — 3 credits
0101 TuTh.....11:00am-12:15pm (EDU 3236) — Cuyjet, M
0201 TuTh.....2:00pm- 3:15pm (EDU 2102) — Cuyjet, M
0401 TuTh.....11:00am-12:15pm (EDU 0114) — Cuyjet, M

EDCP420 Education and Racism; Grade Method: REG/P-F/AUD. CORE Distributive Studies Cultural Diversity Course. USP Advanced Studies Analysis of Human Problems Course. — 3 credits
0101 M.....4:15pm- 7:00pm (COL 0100) — Molla, B

EDCP460 Introduction to Rehabilitation Counseling; Grade Method: REG. — 3 credits
0101 W.....4:15pm- 7:00pm (COL 0102) — Hershenson, D

EDCP462 The Disabled Person in American Society; Grade Method: REG/P-F/AUD. CORE Advanced Studies Social and Ethical Problems Course. USP Advanced Studies Analysis of Human Problems Course. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (EDU 1107) — Power, P

EDCP489 (PermReq) Field Experiences in Counseling and Personnel Services; Grade Method: REG. — 1-4 credits
0101 Time and room to be arranged — STAFF
2071 Time and room to be arranged — Komives, S

EDCP499L (PermReq) Workshops, Clinics, Institutes: Preparation to Lead Relationship Skills Workshops; Grade Method: REG/P-F/AUD. — 3 credits
0201 Time and room to be arranged — Mielke, P

EDCP605 Issues in Counseling Adults; Grade Method: REG. — 3 credits
0101 M.....4:15pm- 7:00pm (EDU 3233) — Schlossberg, N

EDCP610C Professional Orientation; Grade Method: REG/AUD. Limited to community counseling students. — 3 credits
0101 W.....4:15pm- 7:00pm (COL 0100) — Power, P

EDCP610P Professional Orientation; Grade Method: REG/AUD. Limited to school psychology students. — 3 credits
0101 W.....4:15pm- 7:00pm (COL 3111) — Strein, W

EDCP610R Professional Orientation; Grade Method: REG/AUD. Limited to rehabilitation counseling students. — 3 credits
0101 W.....4:15pm- 7:00pm (Arranged) — Hershenson, D

EDCP610S Professional Orientation; Grade Method: REG/AUD. Limited to school counseling students. — 3 credits
0101 W.....4:15pm- 7:00pm (COL 3114) — Greenberg, K

EDCP610U Professional Orientation; Grade Method: REG. Limited to college student personnel students. — 3 credits
0101 W.....4:15pm- 7:00pm (EDU 0212) — Komives, S

EDCP612 Cross-Cultural Issues in Counseling and Personnel Services; Grade Method: REG/AUD. Prerequisites: EDMS 646; and EDCP 616; or permission of department. — 3 credits
0101 Th.....1:00pm- 4:00pm (EDU 0210) — Boyd, V
0201 Th.....1:00pm- 4:00pm (EDU 1315) — STAFF

EDCP614 Personality Theories in Counseling and Personnel Services; Grade Method: REG/AUD. — 3 credits
0101 Th.....4:15pm- 7:00pm (EDU 3236) — Greenberg, K

EDCP616 (PermReq) Counseling II: Theory and Practice; Grade Method: REG/AUD. Prerequisite: EDCP 615. Corequisite: EDCP 618. — 3 credits
0101 Tu.....4:15pm- 7:00pm (COL 3111) — Strein, W
0201 Tu.....4:15pm- 7:00pm (EDU 2102) — Fassinger, R

EDCP617 (PermReq) Group Counseling; Grade Method: REG/AUD. Prerequisite: EDCP 616. — 3 credits
0101 Tu.....4:15pm- 7:00pm (EDU 3233) — Cook, D

EDCP618 Counseling Skills: Introduction to Practicum; Grade Method: REG. Corequisite: EDCP 616. — 1 credit
0101 M.....7:00pm- 9:00pm (EDU 0202) — STAFF
0201 M.....7:00pm- 9:00pm (EDU 3236) — STAFF

EDCP619C (PermReq) Practicum in Counseling; Grade Method: REG/AUD. Limited to community counseling majors. — 3 credits
0101 W.....1:00pm- 4:00pm (Arranged) — STAFF
0201 W.....4:15pm- 7:00pm (JMZ 1125) — STAFF
0301 Th.....1:00pm- 4:00pm (EDU 0202) — STAFF

EDCP619R (PermReq) Practicum in Counseling; Grade Method: REG/AUD. Rehabilitation students only. — 2-6 credits
0101 Tu.....7:00pm- 9:40pm (EDU 0210) — Lawrence, R

EDCP619U (PermReq) Practicum in Counseling; Grade Method: REG. Limited to CSPA majors. — 2-6 credits
0101 Tu.....1:00pm- 4:00pm (SHM 1103) — STAFF
0201 Tu.....1:00pm- 4:00pm (Arranged) — STAFF
0301 Th.....2:00pm- 5:00pm (JMZ 1125) — STAFF

EDCP633 Diagnostic Appraisal of Children I; Grade Method: REG/AUD. Prerequisite: EDCP 726. Corequisite: EDCP 738. — 3 credits
0101 Th.....9:30am-12:15pm (EDU 0206) — Teglasi-Golubco

EDCP635 Therapeutic Techniques and Classroom Management I; Grade Method: REG/AUD. — 3 credits
0101 Th.....1:00pm- 3:45pm (EDU 2203) — Rosenfield, S

EDCP656 Counseling and Personnel Services Seminar; Grade Method: REG. Recommended for first year CSPA students only. — 2 credits
0101 W.....4:15pm- 7:00pm (COL 3112) — McEwen, M

EDCP662 Medical Aspects of Disability; Grade Method: REG. Prerequisite: EDCP 610 or equivalent. — 3 credits
0101 Th.....4:15pm- 7:00pm (EDU 0210) — Lawrence, R

EDCP665 Social Support Systems for Counseling; Grade Method: REG/AUD. Recommended: EDCP 610C or EDCP 610R. — 3 credits
0101 Tu.....7:00pm-10:00pm (EDU 2203) — Power, P

EDCP715 Appraisal Measures in Counseling; Grade Method: REG. — 3 credits
0101 Th.....10:00am- 1:00pm (EDU 1315) — Lucas, M

EDCP717 Evaluation of Research in Counseling; Grade Method: REG. Prerequisite: permission of department. — 3 credits
0101 W.....1:00pm- 4:00pm (EDU 1203) — Hoffman, M

EDCP726 Practicum in Individual Testing I; Grade Method: REG. Prerequisite: EDMS 622. — 3 credits
0101 M.....1:00pm- 3:45pm (EDU 0210) — Strein, W

EDCP738 Practicum in Child Assessment; Grade Method: REG/AUD. — 2-3 credits
0101 Tu.....9:30am-12:15pm (EDU 0206) — Teglasi-Golubco

EDCP778 Research Proposal Seminar; Grade Method: REG. Limited to EDCP majors. — 3 credits
0201 Tu.....10:00am-12:45pm (EDU 1315) — Hoffman, M

EDCP789C Advanced Topics in Counseling and Personnel Services: Policy Issues in Counselor Education; Grade Method: REG. Limited to CAPS doctoral students. — 3 credits
0101 Th.....4:15pm- 7:00pm (EDU 3233) — Hershenson, D

EDCP789D Advanced Topics in Counseling and Personnel Services: Developmental Instruction; Grade Method: REG. — 3 credits
0101 M.....4:15pm- 7:00pm (EDU 1121) — McEwen, M

EDCP789E Advanced Topics in Counseling and Personnel Services: Designing Career Development Systems; Grade Method: REG/AUD. — 3 credits
0101 M.....4:15pm- 7:00pm (ASY 3215) — Leibowitz, Z

EDCP789I Advanced Topics in Counseling and Personnel Services: Professional Issues in Counseling Psychology; Grade Method: REG. Limited to counseling PSYC majors. — 1 credit
0101 Th.....8:30am-10:00am (EDU 3233) — Cook, D
Time and room to be arranged DIS

EDCP789J Advanced Topics in Counseling and Personnel Services: Counseling Theories; Grade Method: REG. Limited to counseling psychology students. — 3 credits
0101 MW.....10:00am-12:00pm (EDU 2102) — Fassinger, R

EDCP789L Advanced Topics in Counseling and Personnel Services: Doctoral Seminar in Professional Issues; Grade Method: REG. — 1 credit
0101 M.....2:00pm- 4:00pm (EDU 2203) — Komives, S

EDCP789P Advanced Topics in Counseling and Personnel Services: Legal and Ethical Issues in Counseling; Grade Method: REG/AUD. — 3 credits
0101 Tu.....4:15pm- 7:00pm (COL 3112) — Otani, A

EDCP789R Advanced Topics in Counseling and Personnel Services: Pre-Practicum in School Counseling; Grade Method: REG/AUD. — 3 credits
0101 W.....4:15pm- 7:00pm (ASY 3215) — STAFF

EDCP789U Advanced Topics in Counseling and Personnel Services: Capstone Seminar; Grade Method: REG/AUD. Limited to Advanced CSP Doctoral Students — 3 credits
0101 W.....4:15pm- 7:00pm (ASY 3207) — Thomas Jr, W

EDCP789X (PermReq) Advanced Topics in Counseling and Personnel Services: Practicum in Consultation; Grade Method: REG. Limited to counseling psychology majors only. — 3 credits
0201 Tu.....12:00pm- 3:00pm (JMZ 1125) — Phillips, P

EDCP798 (PermReq) Special Problems in Counseling and Personnel Services; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

EDCP799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

EDCP888 (PermReq) Apprenticeship in Counseling and Personnel Services; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

EDCP888U Apprenticeship in Counseling and Personnel Services: College Student Personnel Administration Apprenticeship; Grade Method: REG/AUD. — 3 credits
0101 M.....3:30pm- 6:00pm (TWS 1202) — STAFF

EDCP889 (PermReq) Internship in Counseling and Personnel Services; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 3-8 credits

EDCP899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

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EDHD Education, Human Development (Education)

EDHD230 Human Development and Societal Institutions; Grade Method: REG/AUD. CORE Distributive Studies Behavioral and Social Science Course. CORE Distributive Studies Cultural Diversity Course. USP Distributive Studies Area D Course. Credit will be granted for only one of the following: EDHD 230 or EDHD 330. Formerly EDHD 330. — 3 credits
0101 TuTh.....11:00am-12:15pm (EDU 3315) — Torney-Purta, J

EDHD300E (PermReq) Human Development and Learning; Grade Method: REG/P-F/AUD. Prerequisite: admission to teacher education program. — 6 credits
0201 MW.....12:00pm- 2:00pm (EDU 1121) — Green, H
F.....8:00am- 1:00pm (Arranged) LAB
0301 TuTh.....10:00am-12:00pm (EDU 3233) — Bennett, S
W.....8:00am- 1:00pm (Arranged) LAB

EDHD300S (PermReq) Human Development and Learning; Grade Method: REG/AUD. Prerequisite: admission to teacher education program. Secondary emphasis. Open only to students with — 6 credits

junior standing who are following a complete teacher education program. First class meeting determined by campus section, not off-campus lab day.
0701 MF.....12:00pm- 2:00pm (EDU 3315) STAFF
W.....11:00am- 3:00pm (Arranged) LAB
0801 TuTh.....12:30pm- 2:30pm (EDU 3233) Wigfield, A
Tu.....8:00am-12:00pm (Arranged) LAB
0901 MW.....10:00am-12:00pm (EDU 0212) Hunt, E
Tu.....8:00am-12:00pm (Arranged) LAB

EDHD306 Study of Human Behavior; Grade Method: REG/AUD. USP Distributive Studies Area D Course. 3 credits
0201 TuTh.....9:30am-10:45am (EDU 1121) STAFF
0401 MWF.....10:00am-10:50am (EDU 1107) STAFF

EDHD320 Human Development through the Lifespan; Grade Method: REG/AUD. 3 credits
0101 TuTh.....11:00am-12:15pm (EDU 1121) STAFF
0201 TuTh.....12:30pm- 1:45pm (EDU 0212) STAFF
0401 MWF.....10:00am-10:50am (EDU 3315) STAFF

EDHD340 Human Development Aspects of the Helping Relationship; Grade Method: REG/AUD. 3 credits
0101 TuTh.....9:30am-10:45am (EDU 3315) STAFF

EDHD350 Human Development Factors in Personal Development; Grade Method: REG/AUD. 3 credits
0101 TuTh.....11:00am-12:15pm (EDU 2102) STAFF

EDHD386 (PermReq) Field Work; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: EDHD 387. 1-3 credits

EDHD387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: EDHD 386. 1-3 credits

EDHD400 Introduction to Gerontology; Grade Method: REG/AUD. 3 credits
0101 Tu.....1:00pm- 3:45pm (EDU 0202) Smith, G

EDHD411 Child Growth and Development; Grade Method: REG/AUD. 3 credits
0101 W.....4:15pm- 7:00pm (ASY 3219) STAFF

EDHD413 Adolescent Development; Grade Method: REG/AUD. USP Advanced Studies Analysis of Human Problems Course. 3 credits
0101 Tu.....4:15pm- 7:00pm (EDU 3315) Gardner, A
0201 TuTh.....12:30pm- 1:45pm (EDU 2119) STAFF

EDHD419A Human Development and Learning in School Settings: Infancy and Preschool; Grade Method: REG/AUD. Open to pre-early childhood and early childhood education majors only. 3 credits
0101 Tu.....10:00am-12:00pm (EDU 0212) Eliot, J
MW.....9:00am-12:00pm (Arranged) LAB

EDHD420 Cognitive Development and Learning; Grade Method: REG/AUD. Prerequisite: EDHD 300 or EDHD 411 or PSYC 355 or PSYC 341 or permission of department. 3 credits
0101 W.....4:15pm- 7:00pm (EDU 2102) Byrnes, J

EDHD445 Guidance of Young Children; Grade Method: REG/AUD. USP Advanced Studies Analysis of Human Problems Course. Prerequisite: PSYC 100 or EDHD 306 or permission of department. 3 credits
0101 M.....4:15pm- 7:00pm (EDU 3315) Seefeldt, C
0201 TuTh.....2:00pm- 3:15pm (EDU 0212) Marcus, R
0401 TuTh.....11:00am-12:15pm (EDU 2119) Marcus, R

EDHD480 Educational Psychology; Grade Method: REG/AUD. Prerequisite: PSYC 100 or EDHD 306 or permission of department. 3 credits
0101 TuTh.....2:00pm- 3:15pm (EDU 3315) Pressley, M
0201 W.....4:15pm- 7:00pm (ASY 3217) Pressley, M

EDHD489 (PermReq) Field Experiences in Education; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-4 credits

EDHD498 (PermReq) Special Problems in Education; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

EDHD600 Introduction to Human Development and Child Study; Grade Method: REG/AUD. 3 credits
0101 Tu.....7:00pm- 9:45pm (EDU 3315) Seefeldt, C

EDHD601 Biological Bases of Behavior; Grade Method: REG/AUD. Pre- or corequisite: EDHD 600. 3 credits
0101 M.....4:15pm- 7:00pm (EDU 0114) Bennett, S

EDHD602 Social Bases of Behavior; Grade Method: REG/AUD. 3 credits
0101 Tu.....7:00pm- 9:45pm (EDU 1107) Wentzel, K

EDHD620 Aging in the Cultural Context; Grade Method: REG/AUD. 3 credits
0101 Tu.....4:15pm- 7:00pm (EDU 2203) Robertson-Tchab

EDHD692 Cognitive Basis of Instruction; Grade Method: REG/AUD. Prerequisite: permission of department. 3 credits
0101 W.....7:00pm- 9:45pm (EDU 3233) Guthrie, J

EDHD700 Infant Development; Grade Method: REG/AUD. 3 credits
0101 M.....9:30am-12:45pm (EDU 3233) Fox, N

EDHD710 Affectional Relationships and Processes in Human Development; Grade Method: REG/AUD. Pre- or corequisite: EDHD 600 or equivalent. 3 credits
0101 W..... ..4:15pm- 7:00pm (EDU 3236) Flatter, C

EDHD721 Learning Theory and the Educative Process I; Grade Method: REG/AUD. 3 credits
0101 Th.....7:00pm- 9:45pm (EDU 2102) Byrnes, J
0201 W.....4:15pm- 7:00pm (TWS 1204) Wentzel, K

EDHD722 Learning Theory and the Educative Process II; Grade Method: REG/AUD. Prerequisite: EDHD 721 or permission of department. 3 credits
0101 M.....7:00pm- 9:45pm (EDU 3233) Eliot, J

EDHD740 Theories of Conflict Resolution in Human Development; Grade Method: REG/AUD. Prerequisite: permission of department. 3 credits
0101 Th.....7:00pm- 9:45pm (EDU 2119) Hunt, E

EDHD779E (PermReq) Special Topics in Human Development: Developmental Lab; Grade Method: REG/AUD. 3 credits
0101 Time and room to be arranged STAFF

EDHD779L (PermReq) Special Topics in Human Development: Laboratory in Developmental Psychophysiology; Grade Method: REG/AUD. 3 credits
0101 M.....4:15pm- 7:00pm (EDU 3236) STAFF

EDHD780 Research Methods in Human Development; Grade Method: REG/AUD. Prerequisite: EDHS 651 or permission of department. 3 credits
0101 M.....7:00pm- 9:45pm (EDU 2203) Huebner, R

EDHD789 Internship in Human Development; Grade Method: REG/AUD. 3-8 credits
2101 Time and room to be arranged Flatter, C
2501 Time and room to be arranged Tyler, B

EDHD798 (PermReq) Special Problems in Education; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Limited to human development majors. 1-6 credits

EDHD799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. Limited to human development majors. 1-6 credits

EDHD810 Physical Processes in Human Development I; Grade Method: REG/AUD. Prerequisite: EDHD 601 or permission of department. 3 credits
0101 Tu.....4:15pm- 7:00pm (ASY 3221) Fox, N

EDHD820 Socialization Processes in Human Development I; Grade Method: REG/AUD. Prerequisite: EDHD 602 or permission of department. 3 credits
0101 W.....4:15pm- 7:00pm (EDU 0210) STAFF

EDHD830 Self Processes in Human Development I; Grade Method: REG/AUD. Prerequisite: EDHD 603 or permission of department. 3 credits
0101 Th.....4:15pm- 7:00pm (EDU 2119) Tyler, B

EDHD831 Self Processes in Human Development II; Grade Method: REG/AUD. Prerequisite: EDHD 830 or permission of department. 3 credits
0101 Th.....4:15pm- 7:00pm (EDU 3315) Marcus, R

EDHD878 Team Research in Human Development; Grade Method: REG/AUD. 3 credits
0201 W.....4:15pm- 7:00pm (TWS 1202) Holloway, S
0301 Tu.....4:15pm- 7:00pm (ASY 3217) Huebner, R

EDHD888 (PermReq) Apprenticeship in Education; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

EDHD889 (PermReq) Internship in Education; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 3-8 credits

EDHD899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. Limited to human development majors. 1-8 credits

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EDIT Industrial, Technological and Occupational Education (Education)

EDIT101 Mechanical Drawing I; Grade Method: REG/AUD. 2 credits
0101 MW.....9:00am- 9:50am (JMP 3201) STAFF
M.....10:00am-12:00pm (JMP 2229) LAB
0201 MW.....9:00am- 9:50am (JMP 3201) STAFF
W.....10:00am-12:00pm (JMP 2229) LAB

EDIT102 Fundamentals of Woodworking; Grade Method: REG/P-F/AUD. 3 credits
0301 TuTh.....9:00am-12:00pm (JMP 1210) Wolfe, S
TuTh.....9:00am-12:00pm (JMP 1210) LAB

EDIT112 Technical Calculations; Grade Method: REG/P-F/AUD. 3 credits
0101 MWF.....10:00am-10:50am (Arranged) Stough, K

EDIT121 Mechanical Drawing II; Grade Method: REG/AUD. Prerequisite: EDIT 101. 2 credits
0101 TuTh.....11:00am- 1:00pm (JMP 2229) STAFF
Tu.....11:00am- 1:00pm (JMP 2229) LAB

EDIT127 Fundamentals of Electricity Electronics; Grade Method: REG/P-F/AUD. 3 credits
0201 TuTh.....9:00am-12:00pm (JMP 2201) Ceppaluni, V

EDIT160 Design Illustrating I; Grade Method: REG/P-F/AUD. Recommended for interior design, advertising design, pre-design, landscape design, and horticulture majors only. 3 credits
0201 MWF.....11:00am- 1:00pm (JMP 2108) STAFF
MWF.....11:00am- 1:00pm (JMP 2108) LAB
0501 TuTh.....11:00am- 2:00pm (JMP 2108) STAFF
TuTh.....11:00am- 2:00pm (JMP 2108) LAB
0601 TuTh.....2:00pm- 5:00pm (JMP 2108) STAFF
TuTh.....2:00pm- 5:00pm (JMP 2108) LAB

EDIT207 Bases For Curriculum Decision in Home Economics; Grade Method: REG/P-F/AUD. Leave half day free, Tuesday, Wednesday, or Thursday p.m., for observation. 3 credits
0101 TuTh.....9:30am-10:50am (JMP 3105) Gentzler, Y

EDIT210 Foundry; Grade Method: REG/P-F/AUD. Students must also register for same section of EDIT 223. 1 credit
0201 MW.....10:00am-12:00pm (JMP 1109) Pozonsky, C
MW.....10:00am-12:00pm (JMP 1108)
0301 Th.....6:00pm-10:00pm (JMP 1109) Pozonsky, C
Th.....6:00pm-10:00pm (JMP 1108)

EDIT214 Office Typewriting Problems; Grade Method: REG. Prerequisite: minimum grade of C in EDIT 115. 2 credits
0101 TuTh.....12:00pm- 1:50pm (JMP 2120) STAFF

EDIT215 Survey of Office Machines; Grade Method: REG. 3 credits
0101 MWF.....10:00am-11:50am (JMP 2120) Spear, M

EDIT223 Arc and Gas Welding; Grade Method: REG/P-F/AUD. Student must also register for same section of EDIT 210. 1 credit
0201 Time and room to be arranged Pozonsky, C
0301 Time and room to be arranged Pozonsky, C

EDIT224 (PermReq) Organized and Supervised Work Experiences I; Grade Method: REG/P-F/AUD. For industrial technology majors only. 3 credits
0101 Time and room to be arranged Mc Alister, B

EDIT233 Fundamentals of Power Technology; Grade Method: REG/P-F/AUD. 3 credits
0101 MWF.....8:00am-10:00am (JMP 1202) Ceppaluni, V
MWF.....8:00am-10:00am (JMP 1229) LAB

EDIT234 Graphic Communications; Grade Method: REG/P-F/AUD. 3 credits
0201 MWF.....10:00am-12:00pm (JMP 2202) Bell, T
MWF.....10:00am-12:00pm (JMP 2222) LAB
0401 MW.....1:00pm- 4:00pm (JMP 2202) Bell, T
MW.....1:00pm- 4:00pm (JMP 2222) LAB

EDIT241 Architectural Drawing; Grade Method: REG/P-F/AUD. Prerequisite: EDIT 101 or equivalent. 2 credits
0101 TuTh.....1:00pm- 3:00pm (JMP 2229) Craven, H
TuTh.....1:00pm- 3:00pm (JMP 2229) LAB
0201 TuTh.....9:00am-11:00am (JMP 2229) Craven, H
TuTh.....9:00am-11:00am (JMP 2229) LAB

EDIT262 Basic Metal Machining; Grade Method: REG/P-F/AUD. Prerequisite: EDIT 101 or equivalent. 3 credits
0101 TuTh.....1:00pm- 4:00pm (JMP 1109) Pozonsky, C
TuTh.....1:00pm- 4:00pm (JMP 1120) LAB

EDIT270 Field Experiences; Grade Method: REG. Reserve one morning per week for visitations. 3 credits
0101 Th.....2:00pm- 2:50pm (JMP 3104) Marschall, S
Time and room to be arranged

EDIT291 Introduction to Plastics Technology; Grade Method: REG/P-F/AUD. 3 credits
0201 TuTh.....1:00pm- 4:00pm (JMP 1202) Wolfe, S
TuTh.....1:00pm- 4:00pm (JMP 1216) LAB

EDIT298 (PermReq) Special Problems in Education; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

EDIT311 Laboratory Practicum in Industrial Arts Education; Grade Method: REG/P-F/AUD. Prerequisite: permission of department. 18 semester hours of laboratory work and drawing required. 3 credits
0101 MWF.....8:00am-10:00am (JMP 1201) Maley, D
MWF.....8:00am-10:00am (JMP 2215) LAB

EDIT324 (PermReq) Organized and Supervised Work Experiences II; Grade Method: REG/P-F/AUD. For industrial technology students only. 3 credits
0101 Time and room to be arranged Mc Alister, B

EDIT334 Photographic and Electronic Graphic Communications; Grade Method: REG/P-F/AUD. Prerequisite: EDIT 234 or equivalent. 3 credits
0101 TuTh.....9:00am-12:00pm (JMP 2202) Bell, T
TuTh.....9:00am-12:00pm (JMP 2222) LAB

EDIT341 Curriculum, Instruction, and Observation: Business Education; Grade Method: REG. Class meets first eight weeks of the semester. 3 credits
0101 MWF.....2:00pm- 4:00pm (JMP 3105) Marschall, S

EDIT360 Industrial Production Technology; Grade Method: REG/P-F/AUD. Prerequisite: EDIT 262 or permission of department. 3 credits
0101 TuTh.....9:30am-10:45am (JMP 3104) STAFF
TuTh.....9:30am-10:45am (JMP 3104) LAB

EDIT391 Plastics Processing Fundamentals; Grade Method: REG/P-F/AUD. Prerequisite: EDIT 291 or permission of department. 3 credits
0101 MW.....1:00pm- 4:00pm (JMP 1202) Wolfe, S
MW.....1:00pm- 4:00pm (JMP 1216) LAB

EDIT406 Word Processing; Grade Method: REG. 3 credits
0101 MW.....12:00pm- 1:15pm (JMP 2120) Spear, M
0201 M.....4:15pm- 7:00pm (JMP 2120) Spear, M

EDIT414 Organization and Coordination of Cooperative Education Programs; Grade Method: REG/P-F/AUD. 3 credits
0101 Tu.....7:00pm-10:00pm (JMP 3105) Herschbach, D

EDIT415 Financial and Economic Education I; Grade Method: REG/P-F/AUD. First eight weeks only. 3 credits
0101 Meets 09/03/91 - 10/18/91 Hewitt, M
MW.....4:00pm- 7:00pm (JMP 3104)

EDIT422 Student Teaching: Industrial Arts Education; Grade Method: S-F. 2-12 credits
0101 Time and room to be arranged Beatty, C

EDIT425 Analysis of Industrial Training Programs I; Grade Method: REG/P-F/AUD. Junior standing. 3 credits
0101 Th.....4:15pm- 7:00pm (JMP 1202) Martinez, R

EDIT432 Student Teaching: Business Education; Grade Method: S-F. 12 credits
0101 Time and room to be arranged Marschall, S

EDIT435 Curriculum Development in Home Economics; Grade Method: REG/P-F/AUD. 3 credits
0101 W.....12:00pm- 3:00pm (JMP 3225A) Hultgren, F

EDIT443 Industrial Safety I; Grade Method: REG/P-F/AUD. Junior standing. 3 credits
0101 W.....7:00pm-10:00pm (JMP 3201) STAFF

EDIT444 Industrial Safety II; Grade Method: REG/P-F/AUD. Junior standing. 3 credits
0101 MWF.....2:00pm- 2:50pm (JMP 3201) STAFF

EDIT445 Systems Safety Analysis; Grade Method: REG/P-F/AUD. 3 credits
0101 Tu.....7:00pm-10:00pm (JMP 3104) Tomasetti, J

EDIT450 Training Aids Development; Grade Method: REG/P-F/AUD. 3 credits
0101 M.....4:15pm- 7:00pm (JMP 3105) Beatty, C

EDIT451 Research and Experimentation in Industrial Arts; Grade Method: REG/P-F/AUD. 3 credits
0101 M.....7:00pm-10:00pm (JMP 1201) Maley, D

EDIT454 Private Fire Protection Analysis I; Grade Method: REG/P-F/AUD. 3 credits
0101 M.....7:00pm-10:00pm (JMP 3201) Henderson, D

EDIT457 Tests and Measurements; Grade Method: REG/P-F/AUD. 3 credits
0101 Tu.....7:00pm-10:00pm (JMP 3201) Stough, K

EDIT461 Principles of Vocational Guidance; Grade Method: REG/P-F/AUD. 3 credits
0101 W.....7:00pm-10:00pm (JMP 3225) Martinez, R

EDIT464 Laboratory Organization and Management; Grade Method: REG/P-F/AUD. 3 credits
0101 W.....4:15pm- 7:00pm (JMP 3225A) Beatty, C

EDIT465 Modern Industry; Grade Method: REG/P-F/AUD. Junior standing. 3 credits
0101 Th.....7:00pm- 9:45pm (JMP 1202) Beatty, C

EDIT471 History and Principles of Vocational Education; Grade Method: REG/P-F/AUD. 3 credits
0101 W.....4:15pm- 7:00pm (JMP 3105) Herschbach, D

EDIT476 Application of Technology to Societal Problems; Grade Method: REG/P-F/AUD. CORE Advanced Studies Social and Ethical Problems Course. USP Advanced Studies Analysis of Human Problems Course. 3 credits
0101 MWF.....10:00am-10:50am (JMP 3201) Mc Alister, B
0201 MWF.....11:00am-11:50am (JMP 3201) Mc Alister, B
0301 MWF.....12:00pm-12:50pm (JMP 3201) Mc Alister, B

EDIT477 Microcomputer Applications in Technology and Industry; Grade Method: REG/P-F/AUD. Prerequisite: EDCI 487 or CMSC 103 or permission of department. 3 credits
0101 Th.....4:15pm- 7:00pm (JMP 2207) Wang, D

EDIT482 Student Teaching: Trade and Industrial Education; Grade Method: S-F. 2-12 credits
0101 Time and room to be arranged Stough, K

EDIT484 Field Experiences in Home Economics Education; Grade Method: REG/P-F/AUD. 3 credits
0101 Time and room to be arranged Hultgren, F

EDIT485 Field Experiences in Business Education; Grade Method: REG. 3 credits
0101 Time and room to be arranged Marschall, S

EDIT488D Selected Topics in Education: Computer-Aided Drafting and Design; Grade Method: REG/P-F/AUD. Prerequisite: EDIT 101 or EDIT 160 or equivalent. 3 credits
0101 TuTh.....8:00am-10:00am (JMP 2120) Petrina, S
TuTh.....8:00am-10:00am (JMP 2120) LAB
0201 MW.....7:00pm- 9:00pm (JMP 2120) Petrina, S
MW.....7:00pm- 9:00pm (JMP 2120) LAB

EDIT488O (PermReq) Selected Topics in Education: Curriculum Theory and Development in Home Economics; Grade Method: REG/P-F/AUD. 3 credits
0101 Th.....4:15pm- 7:00pm (JMP 3225) Gentzler, Y

EDIT492 Issues Encountered in Daily Living in the Home; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. Junior standing. 3 credits
0101 TuTh.....1:00pm- 2:30pm (JMP 3105) Karza, L

EDIT498 (PermReq) Special Problems in Education; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

EDIT499D Workshops, Clinics, and Institutes: Workshop in Vocational Education; Grade Method: REG/P-F/AUD. 1-3 credits
0101 Tu.....6:00pm- 7:00pm (JMP 3225) Stough, K
Time and room to be arranged LAB

EDIT499R Workshops, Clinics, and Institutes: Trade Advancement Workshop; Grade Method: REG. See advisor prior to attending workshop/seminars. 1-3 credits
0101 Time and room to be arranged Beatty, C

EDIT620 Organization, Administration and Supervision of Vocational Education; Grade Method: REG. 3 credits
0101 M.....4:15pm- 7:00pm (JMP 1202) Martinez, R

EDIT640 Research in Industrial Arts and Vocational Education; Grade Method: REG/AUD. 3 credits
0101 M.....4:15pm- 7:00pm (JMP 3225A) Sullivan, D

EDIT642 Coordination in Work-Experience Programs; Grade Method: REG/AUD. 3 credits
0101 Tu.....7:00pm-10:00pm (JMP 3105) Herschbach, D

EDIT760 Modes of Inquiry in Industrial and Social Institutions; Grade Method: REG/AUD. 3 credits
0101 Tu.....4:15pm- 7:00pm (JMP 1202) Hultgren, F

EDIT780 Leadership Seminar in Vocational Education; Grade Method: REG/AUD. 3 credits
0101 W.....4:15pm- 7:00pm (JMP 1202) Erekson, T

EDIT788A Selected Topics in Education: Laboratory Practicum in Industrial Arts Education; Grade Method: REG/AUD. For graduate students only. 3 credits
0101 MWF.....8:00am-10:00am (JMP 1201) Maley, D
MWF.....8:00am-10:00am (JMP 2215) LAB

EDIT788O (PermReq) Selected Topics in Education: Curriculum Theory and Development in Home Economics; Grade Method: REG/AUD. 3 credits
0101 Th.....4:15pm- 7:00pm (JMP 3225) Gentzler, Y

EDIT798 (PermReq) Special Problems in Education; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

EDIT799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

EDIT888 (PermReq) Apprenticeship in Education; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

EDIT889 (PermReq) Internship in Education; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 3-8 credits

EDIT899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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EDMS Measurement, Statistics, and Evaluation (Education)

EDMS410 Principles of Testing and Evaluation; Grade Method: REG/AUD. Junior standing. 3 credits
- 0101 TuTh.....3:30pm- 4:45pm (EDU 4233) Schafer, W
- 0201 MW.....3:30pm- 4:45pm (EDU 4233) Walston, J
- 0301 MW.....5:00pm- 6:15pm (ASY 3211) Walston, J

EDMS451 Introduction to Educational Statistics; Grade Method: REG/AUD. USP Advanced Studies Development of Knowledge Course. Junior standing. Limited to students with cumulative credits of 60. Students in programs requiring a different introductory applied statistics course for the major, eg., BMGT, PSYC, ECON and possibly others, may not use EDMS 451 to satisfy the USP Advanced Studies requirments. 3 credits
- 0101 TuTh.....2:00pm- 3:15pm (COL 0100) Stunkard, C
- 0201 TuTh.....2:00pm- 3:15pm (EDU 4233) Yen, S
- 0301 TuTh.....12:30pm- 1:45pm (EDU 1107) Stunkard, C
- 0401 TuTh.....12:30pm- 1:45pm (EDU 4233) Herrick, M

EDMS465 Algorithmic Methods in Educational Research; Grade Method: REG/AUD. Prerequisite: EDMS 451 or equivalent. 3 credits
- 0101 Tu.....4:15pm- 7:00pm (EDU 0212) DeAyala, R

EDMS623 Applied Measurement: Issues and Practices; Grade Method: REG/AUD. Prerequisite: EDMS 651 or permission of department. 3 credits
- 0101 Tu.....4:15pm- 7:00pm (EDU 0114) Skaggs, G

EDMS645 Quantitative Research Methods I; Grade Method: REG/AUD. 3 credits
- 0101 TuTh.....5:00pm- 6:15pm (EDU 1107) Van Melis-Wrigh
- 0102 TuTh.....7:00pm- 8:15pm (EDU 1121) Dayton, C
- 0103 MW.....7:00pm- 8:15pm (EDU 4233) Johnson, C
- 0104 MW.....5:00pm- 6:15pm (TWS 0131) DeAyala, R

EDMS646 Quantitative Research Methods II; Grade Method: REG/AUD. Prerequisite: EDMS 645. 3 credits
- 0101 TuTh.....5:00pm- 6:15pm (ASY 3207) Johnson, C

EDMS647 Introduction to Program Evaluation; Grade Method: REG/AUD. Prerequisite: EDMS 646 or equivalent. 3 credits
- 0101 W.....4:15pm- 7:00pm (EDU 1315) Knack, R

EDMS651 Intermediate Statistics in Education; Grade Method: REG/AUD. Prerequisite: EDMS 646 or equivalent. 3 credits
- 0101 TuTh.....5:00pm- 6:15pm (ASY 3219) Dayton, C
- 0201 MW.....5:00pm- 6:15pm (ASY 3203) Schafer, W

EDMS723 Latent Structure Models; Grade Method: REG/AUD. Prerequisites: EDMS 623; and EDMS 651. 3 credits
- 0101 Time and room to be arranged Macready, G

EDMS779 (PermReq) Seminar in Applied Statistics; Grade Method: REG/AUD. EDMS majors must sign up for one credit concurrently with EDMS 651 and EDMS 771. 1-3 credits
- 0101 Time and room to be arranged DIS Dayton, C
- 0106 Time and room to be arranged DIS Schafer, W

EDMS798 Special Problems in Education; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

EDMS799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

EDMS889 Internship in Measurement and Statistics; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 3-8 credits

EDMS899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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EDPA Education Policy, Planning and Administration (Education)

EDPA301 Foundations of Education; Grade Method: REG/P-F/AUD. Junior standing. 3 credits
- 0101 MW.....12:30pm- 1:45pm (EDU 0114) Hopkins, R
- 0201 MW.....2:00pm- 3:15pm (EDU 1121) Hopkins, R
- 0301 TuTh.....9:30am-10:45am (EDU 2119) Lindsay, R
- 0401 TuTh.....11:00am-12:15pm (EDU 2101) Noll, J
- 0501 TuTh.....12:30pm- 1:45pm (EDU 2102) Noll, J
- 0601 Tu.....4:15pm- 7:00pm (EDU 2119) Male, G
- 0701 W.....4:15pm- 7:00pm (JMZ 0103) STAFF
- 0801 W.....7:00pm- 9:45pm (EDU 2119) Agre, G

EDPA386 (PermReq) Field Work; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: EDPA 387. 1-3 credits

EDPA387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: EDPA 386. 1-3 credits

EDPA400 The Future of the Human Community; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. 3 credits
- 0101 TuTh.....2:00pm- 3:15pm (EDU 3236) Lindsay, R

EDPA489 Field Experiences in Education; Grade Method: S-F. Limited to majors in EDPA specializations. Masters approved field experiences. Consent of advisor. 1-4 credits
- 0101 Time and room to be arranged Dudley, J
- 0201 Time and room to be arranged Selden, S
- 0301 Time and room to be arranged Hopkins, R

EDPA498 (PermReq) Special Problems in Education; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

EDPA605 Comparative Education; Grade Method: REG/AUD. 3 credits
- 0101 M.....7:00pm- 9:45pm (EDU 2101) Male, G

EDPA611 History of Education in the United States; Grade Method: REG/AUD. 3 credits
- 0101 Th.....4:15pm- 7:00pm (EDU 2101) Finkelstein, B

EDPA614 Politics of Education; Grade Method: REG/AUD. 3 credits
- 0101 Tu.....4:15pm- 7:00pm (ASY 3203) Agre, G

EDPA620 Education Policy Analysis; Grade Method: REG/AUD. 3 credits
- 0101 Tu.....4:15pm- 7:00pm (TWS 2230) STAFF

EDPA634 The School Curriculum; Grade Method: REG/AUD. 3 credits
- 0101 W.....7:00pm- 9:45pm (EDU 2102) Selden, S

EDPA635 Principles of Curriculum Development; Grade Method: REG/AUD. 3 credits
- 0101 Tu.....1:00pm- 3:45pm (EDU 2203) Berman, L

EDPA650 Professional Seminar in Higher and Adult Education; Grade Method: S-F. 3 credits
- 0101 M.....7:00pm- 9:45pm (EDU 0114) Berdahl, R

EDPA652 Higher Education in American Society; Grade Method: REG/AUD. 3 credits
- 0101 W.....7:00pm- 9:45pm (EDU 2103) Berdahl, R

EDPA653 Organization and Administration of Higher Education; Grade Method: REG/AUD. 3 credits
- 0101 Tu.....7:00pm- 9:45pm (EDU 2102) Schmidtlein, F

EDPA657 History of Higher Education in the United States; Grade Method: REG/AUD. 3 credits
- 0101 M.....4:15pm- 7:00pm (EDU 2119) Finkelstein, B

EDPA660 Administrative Foundations; Grade Method: REG/AUD. 3 credits
- 0101 M.....4:15pm- 7:00pm (EDU 0210) Stephens, E

EDPA661 Administrative Behavior and Organizational Management; Grade Method: REG/AUD. 3 credits
- 0101 M.....7:00pm- 9:45pm (EDU 1315) Goldman, H

EDPA662 Administrative Processes; Grade Method: REG/AUD. 3 credits
- 0101 Tu.....7:00pm- 9:45pm (EDU 1315) Stephens, E

EDPA666 Organization and Administration of Elementary Schools; Grade Method: REG/AUD. 3 credits
- 0101 W.....4:15pm- 7:00pm (TWS 2230) Dudley, J

EDPA671 Elementary and Secondary School Law; Grade Method: REG/AUD. 3 credits
- 0101 W.....4:15pm- 7:00pm (EDU 3233) Clemson, R

EDPA675 Public School Personnel Administration; Grade Method: REG/AUD. 3 credits
- 0101 Th.....4:15pm- 7:00pm (EDU 0114) Andrews Jr., J

EDPA676 School Finance and Business Administration; Grade Method: REG/AUD. 3 credits
- 0101 W.....7:00pm- 9:45pm (EDU 0206) McLoone, E

EDPA690 Research in Education Policy, Planning and Administration; Grade Method: REG/AUD. 3 credits
- 0101 Tu.....4:15pm- 7:00pm (EDU 0210) Heid, C

EDPA705 International Educational Change; Grade Method: REG/AUD. 3 credits
- 0101 Tu.....7:00pm- 9:45pm (EDU 3236) Huden, D

EDPA788C Special Topics in Education Policy and Administration: Theory in Practice in Higher Education; Grade Method: REG/AUD. 3 credits
- 0101 M.....4:15pm- 7:00pm (CSS 0201) Chait, R

EDPA788I Special Topics in Education Policy and Administration: Literature of Higher Education; Grade Method: REG/AUD. 3 credits
- 0101 Tu.....4:15pm- 7:00pm (CSS 0201) Birnbaum, R

EDPA798 (PermReq) Special Problems in Education; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

EDPA799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

EDPA837 Curriculum Theory and Research; Grade Method: REG/AUD. Prerequisite: EDPA 635. 3 credits
- 0101 W.....4:15pm- 7:00pm (EDU 2203) Berman, L

EDPA889 Internship in Education; Grade Method: S-F. Interns in administration register in section 0101; higher and adult education in section 0201; curriculum theory in section 0301; social foundations of education and education policy in section 0401. 3-8 credits
- 0101 Time and room to be arranged Dudley, J
- 0201 Time and room to be arranged Birnbaum, R
- 0301 Time and room to be arranged Selden, S
- 0401 Time and room to be arranged Hopkins, R

EDPA895 Research Critique Seminar; Grade Method: REG/AUD. 3 credits
- 0101 W.....4:15pm- 7:00pm (EDU 3315) Huden, D
- 0201 Th.....4:15pm- 7:00pm (EDU 1203) Schmidtlein, F

EDPA899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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EDSP Education, Special (Education)

EDSP210 Introduction to Special Education; Grade Method: REG/AUD. 3 credits
- 0101 TuTh.....2:00pm- 3:30pm (EDU 2119) Harry, E

EDSP288C Special Topics in Teacher Education: Career Development in Special Education; Grade Method: REG/P-F/AUD. Open to all undergraduate students. 1 credit
- 0101 F.....10:00am-11:00am (EDU 2203) Florian, L

EDSP320 (PermReq) Introduction to Assessment in Special Education; Grade Method: REG/AUD. Prerequisite: EDSP 210. Pre- or corequisite: EDSP 321; and EDSP 322. Recommended: STAT 100 or SOCY 201. For EDSP majors only. 3 credits
- 0101 MW.....1:15pm- 2:45pm (EDU 0212) Cooper, D

EDSP321 (PermReq) Comparative Approaches to Behavior and Classroom Management in Special Education; Grade Method: REG/AUD. Prerequisite: EDSP 210. Pre- or corequisites: EDSP 320; and EDSP 322. For EDSP majors only. 3 credits
- 0101 MW.....2:45pm- 4:15pm (EDU 0212) Leone, P
- 0201 MW.....2:45pm- 4:15pm (EDU 2119) Egel, A

EDSP322 Field Placement in Special Education I; Grade Method: REG/AUD. Pre- or corequisites: EDSP 320; and EDSP 321. For EDSP majors only. Students must reserve two half days (8-1) for this experience. 3 credits
- 0101 F.....10:00am-12:00pm (EDU 1121) Crowley, A
  MW.....8:00am- 1:00pm (Arranged) LAB
- 0201 F.....10:00am-12:00pm (EDU 1121) Crowley, A
  TuTh.....8:00am- 1:00pm (Arranged) LAB
- 0301 F.....10:00am-12:00pm (EDU 1121) Crowley, A
  MW.....8:00am- 1:00pm (Arranged) LAB
- 0401 F.....10:00am-12:00pm (EDU 1121) Crowley, A
  TuTh.....8:00am- 1:00pm (Arranged) LAB

EDSP376 Fundamentals of Sign Language; Grade Method: REG/P-F/AUD. 3 credits
- 0101 MW.....4:15pm- 5:30pm (EDU 1107) Aiello, E
- 0201 MW.....5:45pm- 7:00pm (EDU 1107) Aiello, E

EDSP400 Assessment, Curriculum and Instructional Methods For Students with Severe Handicaps; Grade Method: REG/AUD. Corequisites: [EDSP 402 or EDSP 431] or permission of department. Practicum required. Placement arranged for those students not concurrently enrolled in EDSP 402 or EDSP 431. 3 credits
- 0101 W.....4:15pm- 7:00pm (EDU 2101) Kohl, F

EDSP402 Field Placement: Severely Handicapped I; Grade Method: REG/AUD. Pre- or corequisites: [EDSP 400; and EDSP 404] or permission of department. Students must reserve three half-days (8-1) for this experience. 4 credits
- 0101 F.....10:30am-12:00pm (EDU 1315) Kohl, F
  MTuW.....8:00am- 1:00pm (Arranged) LAB

EDSP402A Field Placement: Severely Handicapped I; Grade Method: REG/AUD. Pre- or corequisites: [EDSP 400; and EDSP 404] or permission of department. Graduate students only. Contact department to make arrangements. 2-5 credits
- 0101 Time and room to be arranged LAB STAFF
- 0201 Time and room to be arranged LAB STAFF
- 0301 Time and room to be arranged LAB STAFF
- 0401 Time and room to be arranged LAB STAFF

EDSP404 Education of Students with Autism; Grade Method: REG/AUD. Pre- or corequisites: [EDSP 400 and EDSP 402] or permission of department. Practicum required. Placement arranged for students not concurrently enrolled in EDSP 402. 3 credits
- 0101 M.....4:15pm- 7:00pm (EDU 1203) Egel, A

EDSP411 Field Placement: Severely Handicapped III; Grade Method: REG/AUD. Prerequisite: EDSP 405. Pre- or corequisites: [EDSP 412; and (EDSP 420 or EDSP 460)] or permission of department. Students must reserve three half-days (8-1) for this experience. 4 credits
- 0101 F.....9:00am-10:30am (EDU 1315) Kohl, F
  TuWTh.....8:00am- 1:00pm (Arranged) LAB

EDSP411A Field Placement: Severely Handicapped III; Grade Method: REG/AUD. Prerequisite: EDSP 405. Pre- or corequisites: [EDSP 412; and (EDSP 420 or EDSP 460)] or permission of department. Graduate students only. Contact department to make arrangements. 2-5 credits
- 0101 Time and room to be arranged LAB STAFF
- 0201 Time and room to be arranged LAB STAFF
- 0301 Time and room to be arranged LAB STAFF
- 0401 Time and room to be arranged LAB STAFF

EDSP412 Vocational and Transitional Instruction for Students with Severe Handicaps; Grade Method: REG/AUD. Corequisites: [EDSP 411 or EDSP 465] or permission of department. Practicum required. Placement arranged for those students not concurrently enrolled in EDSP 411 or EDSP 465. 3 credits
- 0101 Tu.....4:15pm- 7:00pm (EDU 3236) Moon, M

EDSP420 Developmental and Behavioral Characteristics of Nonhandicapped and Handicapped Infants and Young Children; Grade Method: REG/AUD. Corequisites: [EDSP 421 or EDSP 411] or permission of department. Practicum required. Placement arranged for students not concurrently enrolled in EDSP 421 or EDSP 411. 3 credits
- 0101 Th.....4:15pm- 7:00pm (EDU 2203) Beckman, P

EDSP421 Field Placement: Early Childhood Special Education I; Grade Method: REG/AUD. Pre- or corequisite: [EDSP 420; and EDCI 410]. Students must reserve two half-days (8-1) for this experience. 3 credits
- 0101 F.....10:30am-12:00pm (EDU 0202) Beckman, P
  MW.....8:00am- 1:00pm (Arranged) LAB
- 0201 F.....10:30am-12:00pm (EDU 0202) Beckman, P
  TuTh.....8:00am- 1:00pm (Arranged) LAB

EDSP421A Field Placement: Early Childhood Special Education I; Grade Method: REG/AUD. Pre- or corequisite: [EDSP 420; and EDCI 410]. Graduate students only. Contact department to make arrangements. 2-3 credits
- 0101 Time and room to be arranged LAB STAFF
- 0201 Time and room to be arranged LAB STAFF
- 0301 Time and room to be arranged LAB STAFF
- 0401 Time and room to be arranged LAB STAFF

EDSP423 Assessment of Preschool Handicapped Children and Infants; Grade Method: REG/AUD. Prerequisites: EDSP 330; and EDSP 422. Corequisites: EDSP 430; and EDSP 431; and; EDSP 400 or EDSP 441. 3 credits
- 0101 M.....4:15pm- 7:00pm (EDU 1315) Lieber, J

EDSP430 Intervention Techniques and Strategies For Preschool Handicapped Children and Infants(Severe to Moderate, Birth-6 Years); Grade Method: REG/AUD. Prerequisites: EDSP 330; and EDSP 422. Corequisites: EDSP 423; and EDSP 431; and [EDSP 400 or EDSP 441]. Practicum required. Placement arranged for those students not concurrently enrolled in EDSP 431. 3 credits
- 0101 Tu.....4:15pm- 7:00pm (EDU 2101) Rembacki, C

EDSP431 Field Placement: Early Childhood Special Education III (Severe to Moderate); Grade Method: REG/AUD. Prerequisite: EDSP 424 or permission of department. Pre- or corequisites: EDSP 430; and EDSP 423; and (EDSP 400 or EDSP 441). Students must reserve three half-days (8-1) for this experience. 4 credits
- 0101 F.....9:00am-10:30am (EDU 0202) Beckman, P
  TuWTh.....8:00am- 1:00pm (Arranged) LAB

EDSP431A Field Placement: Early Childhood Special Education III (Severe to Moderate); Grade Method: REG/AUD. Prerequisite: EDSP 424 or permission of department. Pre- or corequisites: EDSP 430; and EDSP 423; and (EDSP 400 or EDSP 441). Graduate students only. Contact department to make arrangements. 2-4 credits
- 0101 Time and room to be arranged LAB STAFF
- 0201 Time and room to be arranged LAB STAFF
- 0301 Time and room to be arranged LAB STAFF
- 0401 Time and room to be arranged LAB STAFF

EDSP441 Assessment and Instructional Design for the Educationally Handicapped: Oral Language and Communication Disorders; Grade Method: REG/AUD. Corequisites: [EDSP 442 or EDSP 431] or permission of department. Practicum required. Placement arranged for students not concurrently enrolled in EDSP 442 or EDSP 431. 3 credits
- 0101 MW.....2:45pm- 4:15pm (EDU 3236) STAFF

EDSP442 Field Placement: Educationally Handicapped I; Grade Method: REG/AUD. Pre- or corequisite: [EDSP 441 and EDCI 456] or permission of department. Students must reserve two half-days (8-1) for this experience. 3 credits
- 0101 F.....10:30am-12:00pm (EDU 0206) Graham, S
  MW.....8:00am- 1:00pm (Arranged) LAB
- 0201 F.....10:30am-12:00pm (EDU 0206) Graham, S
  TuTh.....8:00am- 1:00pm (Arranged) LAB

EDSP442A Field Placement: Educationally Handicapped I; Grade Method: REG/AUD. Pre- or corequisite: [EDSP 441 and EDCI 456] or permission of department. Graduate students only. Contact department to make arrangements. 2-3 cr s
- 0101 Time and room to be arranged LAB STAFF
- 0201 Time and room to be arranged LAB STAFF
- 0301 Time and room to be arranged LAB STAFF
- 0401 Time and room to be arranged LAB STAFF
- 0501 Time and room to be arranged LAB STAFF
- 0601 Time and room to be arranged LAB STAFF
- 0701 Time and room to be arranged LAB STAFF
- 0801 Time and room to be arranged LAB STAFF

EDSP446 Instructional Design for the Educationally Handicapped: Functional Living Skills; Grade Method: REG/AUD. Pre- or corequisites: [EDSP 447 or EDSP 465] or permission of department. 3 credits
- 0101 TuTh.....1:15pm- 2:45pm (EDU 1203) Graham, S

EDSP447 Field Placement: Educationally Handicapped III; Grade Method: REG/AUD. Prerequisite: EDSP 445 or permission of department. Pre- or corequisites: EDSP 446; and EDSP 450; and EDSP 460. Students must reserve three half-days (8-1) for this experience. 4 credits
- 0101 F.....10:00am-11:30am (EDU 0114) Graham, S
  TuWTh.....8:00am- 1:00pm (Arranged) LAB

EDSP447A Field Placement: Educationally Handicapped III; Grade Method: REG/AUD. Prerequisite: EDSP 445 or permission of department. Pre- or corequisites: EDSP 446; and EDSP 450; and EDSP 460. Graduate students only. Contact department to make arrangements. 2-4 credits
- 0101 Time and room to be arranged LAB STAFF
- 0201 Time and room to be arranged LAB STAFF
- 0301 Time and room to be arranged LAB STAFF
- 0401 Time and room to be arranged LAB STAFF
- 0501 Time and room to be arranged LAB STAFF
- 0601 Time and room to be arranged LAB STAFF
- 0701 Time and room to be arranged LAB STAFF
- 0801 Time and room to be arranged LAB STAFF

EDSP450 Program Management for the Educationally Handicapped; Grade Method: REG/AUD. Corequisites: [EDSP 411 or EDSP 447 or EDSP 465] or permission of department. 3 credits
- 0101 MW.....1:15pm- 2:45pm (EDU 2119) Anderson, M

EDSP460 Career/Vocational Education For the Handicapped; Grade Method: REG/AUD. Corequisites: [EDSP 461 or EDSP 411 or EDSP 447] or permission of department. Completion of EDSP 600 or 210 recommended for graduate students. Practicum required. Placement arranged for those students not concurrently enrolled in EDSP 461 or EDSP 411 or EDSP 447. 3 credits
- 0101 M.....4:15pm- 7:00pm (EDU 2101) Neubert, D

EDSP461 Field Placement: Career/Vocational I; 3 credits

Grade Method: REG/AUD. Pre- or corequisite: [EDSP 460; and EDCI 456; and EDIT 421] or permission of department. For EDSP majors only. Students must reserve two half-days (8-1) for this experience.
0101 F.....10:30am-12:00pm (EDU 2101) Neubert, D
MW.....8:00am- 1:00pm (Arranged) LAB
0201 F.....10:30am-12:00pm (EDU 2101) Neubert, D
TuTh.....8:00am- 1:00pm (Arranged) LAB

EDSP461A Field Placement: Career/Vocational I; Grade Method: REG/AUD. Pre- or corequisite: [EDSP 460; and EDCI 456; and EDIT 421] or permission of department. For EDSP majors only. Graduate students only. Contact department to make arrangements. 2-3 credits
0201 Time and room to be arranged LAB STAFF

EDSP464 Secondary and Transition Methods in Special Education; Grade Method: REG/AUD. Prerequisite: EDSP 462 or permission of department. 3 credits
0101 Tu.....4:15pm- 7:00pm (TWS 0131) Neubert, D

EDSP465 Field Placement: Career/Vocational III; Grade Method: REG/AUD. Prerequisite: EDSP 463. Pre- or corequisite: EDSP 446; and EDSP 450; and EDSP 464. For EDSP majors only. Students must reserve three half-days (8-1) for this experience. 3 credits
0201 F.....10:00am-11:30am (EDU 2102) Neubert, D
TuWTh.....8:00am- 1:00pm (Arranged) LAB

EDSP465A Field Placement: Career/Vocational III; Grade Method: REG/AUD. Prerequisite: EDSP 463. Pre- or corequisite: EDSP 446; and EDSP 450; and EDSP 464. For EDSP majors only. Graduate students only. Contact department to make arrangements. 2-3 credits
0101 Time and room to be arranged LAB STAFF

EDSP470 Introduction to Special Education; Grade Method: REG. Not open to undergraduate special education or pre-special education majors. 3 credits
0101 TuTh.....2:45pm- 4:15pm (EDU 1203) Moon, M
0201 Tu.....7:00pm- 9:45pm (EDU 2113) STAFF

EDSP480 (PermReq) Microcomputers in Special Education; Grade Method: REG/AUD. Credit will be granted for only one of the following: EDCI 385, EDCI 487, EDCI 406, EDIT 477, or EDSP 480. 3 credits
0101 TuTh.....2:45pm- 4:15pm (EDU 3233) MacArthur, C

EDSP489 Field Experiences in Special Education; Grade Method: REG/AUD. 1-4 credits
0101 Time and room to be arranged Crowley, A

EDSP491 Characteristics of Learning Disabled Students; Grade Method: REG/AUD. Prerequisite: EDSP 470 or permission of department. 3 credits
0101 M.....7:00pm- 9:45pm (EDU 1203) STAFF

EDSP498 Special Problems in Special Education; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Limited to special education majors. 1-6 credits

EDSP498B (PermReq) Special Problems in Special Education; Career Development and Advising; Grade Method: REG/P-F/AUD. Limited to pre-special and special education majors. 1-6 credits
0101 F.....12:00pm- 2:00pm (Arranged) Angeletti, K

EDSP600 Exceptional Children and Youth; Grade Method: REG/AUD. Prerequisite: 9 hours in special education and permission of department. 3 credits
0101 M.....7:00pm- 9:45pm (EDU 2119) Cooper, D

EDSP601 Characteristics of Behaviorally Disordered Students; Grade Method: REG/AUD. Prerequisite: EDSP 600 or permission of department. 3 credits
0101 W.....4:15pm- 7:00pm (EDU 2119) Anderson, M

EDSP615 Evaluation and Measurement of Exceptional Children and Youth; Grade Method: REG/AUD. Prerequisites: [EDMS 446; and EDMS 646; and EDSP 600] or permission of department. 3 credits
0101 Th.....4:15pm- 7:00pm (EDU 0206) Graham, S

EDSP625 Seminar on Severely Handicapping Conditions; Grade Method: REG/AUD. Prerequisite: EDSP 600 or permission of department. 3 credits
0101 Time and room to be arranged Kohl, F

EDSP665 Working with Families of Handicapped Children and Youth; Grade Method: REG/AUD. Prerequisite: EDSP 600 or permission of department. 3 credits
0101 Th.....7:00pm- 9:45pm (EDU 1315) Harry, E

EDSP666 Educating Handicapped Children and Youth with Communication Disabilities; Grade Method: REG/AUD. Prerequisite: EDSP 600 or permission of department. 3 credits
0101 Tu.....4:15pm- 7:00pm (EDU 0202) Lieber, J

EDSP675 Policy Issues Impacting Persons with Disabilities; Grade Method: REG/AUD. Prerequisite: permission of department. 3 credits
0101 W.....4:15pm- 7:00pm (EDU 0206) Burke, P

EDSP678A Seminar in Special Education: Theory and Design in Special Education Research; Grade Method: REG/AUD. Prerequisite: EDMS 645. 3 credits
0101 Tu.....4:15pm- 7:00pm (COL 0102) Harris, K

EDSP678T Seminar in Special Education: Programming for Infants with Disabilities; Medical and Genetic Implications; Grade Method: REG/AUD. Classes held in Baltimore; room S-682 Carter Building, 630 West Fayette Street. 3 credits
0101 M.....5:00pm- 8:00pm (Arranged) Wachtel, R

EDSP798 Special Problems in Special Education; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Limited to special education majors. 1-6 credits

EDSP799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. Limited to special education majors. 1-6 credits

EDSP860 Doctoral Research Seminar; Grade Method: REG/AUD. 3 credits
0101 W.....4:15pm- 7:00pm (TWS 0135) Leone, P

EDSP888 Apprenticeship in Special Education; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Limited to special education majors. 1-8 credits

EDSP889 Internship in Special Education; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Limited to special education majors. 3-8 credits

EDSP899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. Limited to special education majors. 1-8 credits

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EDUC Education (Education)

EDUC388 (PermReq) Special Topics in Education: Guided Experience In College Teaching; Grade Method: REG. Course restricted to students approved as undergraduate teaching assistants. Should be taken concurrently with EDCI 498, section 6601 for 1 credit. 3 credits
0101 M.....4:00pm- 6:00pm (EDU 2102) Greenberg, J

EDUC388H (PermReq) Special Topics in Education: Honors Synthesis Seminar I; Grade Method: REG. Seminar restricted to students admitted to the College of Education Honors program. 2 credits
0101 Time and room to be arranged Greenberg, J

ENAE Engineering, Aerospace (Engineering)

ENAE201 Introduction to Aerospace Engineering I; Grade Method: REG/P-F/AUD. Prerequisite: ENES 110. 2 credits
0101 Meets 09/03/91 - 11/15/91 Yanta, W
MWF.....3:00pm- 3:50pm (CHM 0127)

ENAE202 Introduction to Aerospace Engineering II; Grade Method: REG/P-F/AUD. Prerequisite: ENAE 201. 2 credits
0101 Meets 09/03/91 - 11/15/91 Winblade, R
MWF.....4:00pm- 4:50pm (EGR 2154)

ENAE305 Aerospace Laboratory I; Grade Method: REG/P-F/AUD. Prerequisite: PHYS 263; Pre- or corequisites: ENAE 345; and ENAE 451; and ENAE 371. 3 credits
0101 MW.....1:00pm- 1:50pm (JMP 3201) Winkelmann, A
M.....2:00pm- 5:00pm (EGL 0121) LAB
0102 MW.....1:00pm- 1:50pm (JMP 3201) Winkelmann, A
Tu.....2:00pm- 5:00pm (EGL 0121) LAB
0103 MW.....1:00pm- 1:50pm (JMP 3201) Winkelmann, A
W.....2:00pm- 5:00pm (EGL 0121) LAB
0104 MW.....1:00pm- 1:50pm (JMP 3201) Winkelmann, A
Th.....2:00pm- 5:00pm (EGL 0121) LAB
0105 MW.....1:00pm- 1:50pm (JMP 3201) Winkelmann, A
F.....2:00pm- 5:00pm (EGL 0121) LAB

ENAE345 Flight Dynamics; Grade Method: REG/P-F/AUD. Prerequisites: ENES 221; and MATH 246. 3 credits
0101 MWF.....8:00am- 8:50am (EGR 1104) Russell, H

ENAE371 Aerodynamics I; Grade Method: REG/P-F/AUD. Prerequisites: ENAE 202; and PHYS 262; and MATH 241. Corequisite: MATH 246. 3 credits
0101 TuTh.....9:30am-10:45am (CHM 0119) Leishman, G

ENAE398 (PermReq) Honors Research Project; Grade Method: REG/P-F. 3 credits
0101 Time and room to be arranged STAFF

ENAE401 Aerospace Laboratory II; Grade Method: REG/P-F/AUD. Prerequisites: ENAE 305; and ENAE 345. Corequisites: ENAE 452; and ENAE 471. 2 credits
0101 M.....12:00pm-12:50pm (CHE 2108) Winkelmann, A
M.....2:00pm- 5:00pm (EGL 0121) LAB
0102 M.....12:00pm-12:50pm (CHE 2108) Winkelmann, A
Tu.....2:00pm- 5:00pm (EGL 0121) LAB
0103 M.....12:00pm-12:50pm (CHE 2108) Winkelmann, A
W.....2:00pm- 5:00pm (EGL 0121) LAB
0104 M.....12:00pm-12:50pm (CHE 2108) Winkelmann, A
Th.....2:00pm- 5:00pm (EGL 0121) LAB
0105 M.....12:00pm-12:50pm (CHE 2108) Winkelmann, A
F.....2:00pm- 5:00pm (EGL 0121) LAB

ENAE411 Aircraft Design; Grade Method: REG/P-F/AUD. Prerequisites: ENAE 345; and ENAE 451; and ENAE 371. 3 credits
0101 TuTh.....5:00pm- 6:15pm (EGR 1104) Obrinski, F

ENAE445 Stability and Control of Aerospace Vehicles; Grade Method: REG/P-F/AUD. Prerequisites: ENAE 345; and ENAE 371. 3 credits
0101 TuTh.....8:00am- 9:15am (EGR 1202) Regan, F

ENAE451 Flight Structures I: Introduction to Solid Mechanics; Grade Method: REG/P-F/AUD. Prerequisite: ENES 220. 4 credits
0101 MWF.....9:00am- 9:50am (CHE 2110) Donaldson, B
M.....2:00pm- 5:00pm (CHM 0115) LAB

ENAE452 Flight Structures II: Structural Elements; Grade Method: REG/P-F/AUD. Prerequisite: ENAE 451. 3 credits
0101 MWF.....11:00am-11:50am (ARM 0112) Donaldson, B

ENAE453 Matrix Methods in Computational Mechanics; Grade Method: REG/P-F/AUD. Prerequisite: ENAE 452 or permission of both department and instructor. 3 credits
0101 MW.....5:00pm- 6:15pm (EGR 3110) Chander, S

ENAE461 Flight Propulsion I; Grade Method: REG/P-F/AUD. Prerequisites: ENAE 217; and ENAE 471. 3 credits
0101 MWF.....9:00am- 9:50am (ARM 0110) Hunt, B

ENAE471 Aerodynamics II; Grade Method: REG/P-F/AUD. Prerequisites: ENAE 371; and ENAE 217. 3 credits
0101 TuTh.....9:30am-10:45am (CHE 2110) Melnik, W
0201 TuTh.....9:30am-10:45am (SYM 1308) Korkegi, R

ENAE475 Viscous Flow and Aerodynamic Heating; Grade Method: REG/P-F/AUD. Prerequisites: ENAE 371; and ENAE 471; and ENAE 217. 3 credits
0101 MWF. ....10:00am-10:50am (CHM 0119) Jones, E

ENAE488A Topics in Aerospace Engineering: Hypersonic Aerodynamics; Grade Method: REG/P-F/AUD. 3 credits
0101 TuTh.....12:30pm- 1:45pm (EGR 0104) Anderson, J

ENAE488D Topics in Aerospace Engineering: Principles of Spacecraft Design; Grade Method: REG/P-F/AUD. 3 credits
0101 TuTh.....11:00am-12:15pm (EGR 0104) Akin, D

ENAE488F Topics in Aerospace Engineering: Composite Structures; Grade Method: REG/AUD. 3 credits
0101 MW.....2:00pm- 3:15pm (CHM 0119) Vizzini, T

ENAE488G Topics in Aerospace Engineering: Aerospace Control Systems; Grade Method: REG/AUD. 3 credits
0101 TuTh.....9:30am-10:45am (EGR 1108) Lee, S

ENAE488V (PermReq) Topics in Aerospace Engineering: Manufacturing with Composites; Grade Method: REG/P-F/AUD. 3 credits
0101 MW.....9:00am- 9:50am (EGR 3108) Vizzini, T
Tu.....2:00pm- 5:00pm (EGR 3114) LAB
0102 MW.....9:00am- 9:50am (EGR 3108) Vizzini, T
Th.....2:00pm- 5:00pm (EGR 3114) LAB

ENAE488W (PermReq) Topics in Aerospace Engineering: Introduction to the Design of Remotely Piloted Vehicles; Grade Method: REG/P-F/AUD. 3 credits
0101 MWF.....11:00am-11:50am (EGR 1108) Winkelmann, A

ENAE499 (PermReq) Elective Research; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

ENAE631 Helicopter Aerodynamics I; Grade Method: REG/AUD. Prerequisite: permission of both department and instructor. 3 credits
0101 TuTh.....2:00pm- 3:15pm (EGR 0144) Leishman, G

ENAE640 Atmospheric Flight Mechanics; Grade Method: REG/AUD. Prerequisite: ENAE 445 or permission of department. 3 credits
0101 TuTh.....11:00am-12:15pm (CHE 2118) Barlow, J

ENAE642 Aerospace Control Systems; Grade Method: REG/AUD. Prerequisite: permission of department. 3 credits
0101 TuTh.....9:30am-10:45am (EGR 1108) Lee, S

ENAE650 Variational Methods in Structural Mechanics; Grade Method: REG/AUD. Prerequisite: ENAE 452 or equivalent. 3 credits
0101 TuTh.....12:30pm- 1:45pm (EGR 3114) Lee, S

ENAE654 Composite Structures; Grade Method: REG/AUD. Prerequisite: ENAE 452 or permission of both department and instructor. 3 credits
0101 MW.....2:00pm- 3:15pm (CHM 0119) Vizzini, T

ENAE655 Structural Dynamics; Grade Method: REG/AUD. Prerequisite: ENAE 452 or permission of department. 3 credits
0101 MW.....12:30pm- 1:45pm (EGR 2107) Chopra, I

ENAE662 Advanced Propulsion II; Grade Method: REG/AUD. Prerequisite: ENAE 661. 3 credits
0101 MWF.....11:00am-11:50am (EGR 1124) Lewis, M

ENAE670 Fundamentals of Aerodynamics; Grade Method: REG/AUD. Prerequisite: permission of department. 3 credits
0101 TuTh.....9:30am-10:45am (MTH 0411) Anderson, J

ENAE673 Aerodynamics of Compressible Fluids I; Grade Method: REG/AUD. Prerequisite: ENAE 471; or permission of both department and instructor. 3 credits
0101 TuTh.....8:00am- 9:15am (EGR 3114) Vamos, J

ENAE675 Aerodynamics of Viscous Fluids I; Grade Method: REG/AUD. Prerequisite: ENAE 475 or permission of department. 3 credits
0101 MW.....2:00pm- 3:15pm (EGR 3102) Jones, E

ENAE682 Hypersonic Aerodynamics; Grade Method: REG/AUD. Prerequisite: permission of department. 3 credits
0101 TuTh.....12:30pm- 1:45pm (EGR 0104) Anderson, J

ENAE684 Computational Fluid Dynamics I; Grade Method: REG/AUD. Prerequisite: permission of department. 3 credits
0101 MW.....5:00pm- 6:15pm (EGR 3114) Lekoudis, S

ENAE788K Selected Topics in Aerospace Engineering: Engineering Optimization; Grade Method: REG/AUD. 3 credits
0101 TuTh.....12:30pm- 1:45pm (EGR 0124) Celi, R

ENAE788L Selected Topics in Aerospace Engineering: Spacecraft Attitude Dynamics and Control; Grade Method: REG/AUD. 3 credits
0101 TuTh.....2:00pm- 3:15pm (CHM 0124) Akin, D

ENAE788M Selected Topics in Aerospace Engineering: Astronautics; Grade Method: REG/AUD. 3 credits
0101 MWF.....8:00am- 8:50am (EGR 3108) STAFF

ENAE799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

ENAE899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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ENAG Engineering Agricultural (Agriculture)

ENAG100 Basic Agricultural Engineering Technology; Grade Method: REG/P-F/AUD. 3 credits
0101 TuTh.....2:00pm- 3:15pm (SHR 1105) Little, M

ENAG200 Introduction to Farm Mechanics; Grade Method: REG/P-F/AUD. 2 credits
0101 M.....1:00pm- 1:50pm (SHR 0106) Grant, L
M.....2:00pm- 5:00pm (SHR 0108) LAB

ENAG 234, 236 and 237 are a series of one-credit mini-courses in aspects of soil and water engineering. Students may elect one course or any combination to three credits. Students must enroll for each course - one credit per course. ENAG 234 begins Sept. 4 and ends Oct. 4; ENAG 236 begins Oct. 7 and ends Nov. 6; ENAG 237 begins Nov. 8 and ends Dec. 9. All courses meet at same time and room - MWF 11:00; SHR 0106.

ENAG234 Principles of Erosion and Water Control; Grade Method: REG/P-F/AUD. 1 cred
0101 Meets 09/04/91 - 10/04/91 Myers, M
MWF.....11:00am-11:50am (SHR 0106)

ENAG236 Design of Drainage Systems; Grade Method: REG/P-F/AUD. 1 credit
0101 Meets 10/07/91 - 11/06/91 Myers, M
Time and room to be arranged
Meets MWF 11am-1150am in room SHR 0106.

ENAG237 Design of Irrigation Systems; Grade Method: REG/P-F/AUD. 1 credit
0101 Meets 11/08/91 - 12/11/91 Myers, M
Time and room to be arranged
Meets MWF 11am-1150am in SHR 0106.

ENAG305 Farm Mechanics; Grade Method: REG/P-F/AUD. For agricultural education majors only. Senior standing. 2 credits
0101 Tu.....1:00pm- 1:50pm (SHR 0106) Grant, L
Tu.....2:00pm- 5:00pm (SHR 1109) LAB

ENAG315 Energy: Its Effects On Agriculture and Food; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. 3 credits
0101 TuTh.....8:00am- 9:15am (HJP 0226) Liljedahl, L

ENAG386 (PermReq) Field Work; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: ENAG 387. 1-3 credits

ENAG387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: ENAG 386. 1-3 credits

ENAG421 Power Systems; Grade Method: REG/P-F/AUD. Prerequisite: ENME 217 and ENEE 300 and (ENME 342 or ENCE 330). 3 credits
0101 WF.....11:00am-11:50am (SHR 1105) Smith, G
W.....2:00pm- 5:00pm (SHR 1105) LAB

ENAG422 (PermReq) Soil and Water Engineering; Grade Method: REG/P-F/AUD. Prerequisite: ENME 342 or ENCE 330. 3 credits
0101 MWF.....10:00am-10:50am (SHR 0106) Shirmohammadi,

ENAG489 (PermReq) Special Problems in Agricultural Engineering; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

ENAG499 (PermReq) Special Problems in Agricultural Engineering Technology; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

ENAG601 Instrumentation Systems; Grade Method: REG/AUD. Prerequisite: permission of department. 3 credits
0101 TuTh.....4:30pm- 6:30pm (SHR 1112) Johnson, A

ENAG688 (PermReq) Advanced Topics in Agricultural Engineering; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-4 credits

ENAG688T (PermReq) Advanced Topics in Agricultural Engineering: Techniques for Teaching Agricultural Engineering; Grade Method: REG/AUD. Approval of instructor prior to enrollment required. 1 credit
0101 TBA (SHR 1112) Johnson, A

ENAG698 Seminar; Grade Method: REG/AUD. 1 credit
0101 M.....4:00pm- 4:50pm (SHR 1105) Stewart, L

ENAG699 (PermReq) Special Problems in Agricultural and Aquacultural Engineering; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

ENAG799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

ENAG899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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ENCE Engineering, Civil (Engineering)

ENCE201 (PermReq) Computational Methods in Civil Engineering 1; Grade Method: REG/AUD. Corequisite: MATH 241; and ENES 220. Formerly ENCE 360. 3 credits
0101 MWF.....8:00am- 8:50am (CHM 0127) STAFF

0201 MWF.....8:00am- 8:50am (CHM 0119) STAFF

ENCE255 Elementary Structural Analysis; Grade (PermReq) Method: REG/AUD. Prerequisite: ENES 220. 3 credits
0101 TuTh.....9:30am-10:45am (EGR 0108) STAFF
0201 TuTh.....9:30am-10:45am (EGR 0104) STAFF

ENCE300 Fundamentals of Engineering Materials; Grade (PermReq) Method: REG/P-F/AUD. Pre- or corequisite: ENES 220. 3 credits
0101 MW.....1:00pm- 1:50pm (CHM 0115) STAFF
M.....2:00pm- 5:00pm (EGL 0106A) LAB
0102 MW.....1:00pm- 1:50pm (CHM 0115) STAFF
Tu.....2:00pm- 5:00pm (EGL 0106A) LAB
0103 MW.....1:00pm- 1:50pm (CHM 0115) STAFF
Th.....2:00pm- 5:00pm (EGL 0106A) LAB

ENCE301 Computational Methods in Civil Engineering (PermReq) II; Grade Method: REG/AUD. Prerequisites: MATH 246; and ENCE 201. Junior standing. 3 credits
0101 MWF.....8:00am- 8:50am (EGR 1108) STAFF

ENCE315 Introduction to Environmental Engineering; (PermReq) Grade Method: REG/AUD. Prerequisites: CHEM 103; and PHYS 161. Not open to ENGR students who have completed ENCE 221. Formerly ENCE 221. 3 credits
0101 TuTh.....8:00am- 9:15am (EGR 1120) STAFF

ENCE320 Construction Engineering and Management; (PermReq) Grade Method: REG/AUD. Corequisite: ENCE 321 or permission of department. 3 credits
0101 MWF.....12:00pm-12:50pm (EGR 1108) STAFF

ENCE321 Engineering Survey Measurements; Grade (PermReq) Method: REG/AUD. Corequisites: MATH 141; and ENCE 320. Formerly ENCE 280. 1 credit
0101 W.....2:00pm- 5:00pm (CHM 0122) LAB STAFF
0201 Tu.....2:00pm- 5:00pm (EGR 0108) LAB STAFF

ENCE330 Basic Fluid Mechanics; Grade Method: (PermReq) REG/P-F/AUD. Prerequisites: ENES 220; and ENES 221; and PHYS 262. 3 credits
0101 MWF.....10:00am-10:50am (EGR 1126) STAFF
0201 MWF.....10:00am-10:50am (EGR 1110) STAFF

ENCE340 Fundamentals of Soil Mechanics; Grade (PermReq) Method: REG/P-F/AUD. Prerequisite: ENES 220. Corequisite: ENCE 300. 3 credits
0201 MWF.....9:00am- 9:50am (EGR 1104) STAFF

ENCE355 Elementary Structural Design; Grade (PermReq) Method: REG/P-F/AUD. Prerequisites: ENCE 255; and ENCE 300. 3 credits
0101 TuTh.....11:00am-12:15pm (EGR 3106) STAFF

ENCE370 Fundamentals of Transportation (PermReq) Engineering; Grade Method: REG/P-F/AUD. Prerequisite: ENCE 280. 3 credits
0101 MWF.....11:00am-11:50am (EGR 1126) STAFF

ENCE423 Production Planning and Control; Grade (PermReq) Method: REG/AUD. Prerequisite: ENCE 320. 4 credits
0101 MWF.....1:00pm- 1:50pm (EGR 0108) Kartam, N
F.....2:00pm- 4:00pm (EGR 0110) LAB

ENCE425 Decision Support Systems for Construction; (PermReq) Grade Method: REG/AUD. 3 credits
0101 MWF.....12:00pm-12:50pm (ARM 0116) STAFF

ENCE432 Ground Water Hydrology; Grade Method: (PermReq) REG/P-F/AUD. Prerequisite: ENCE 330. 3 credits
0101 MWF.....9:00am- 9:50am (EGR 1126) Sternberg, Y

ENCE433 Environmental Engineering Analysis; Grade (PermReq) Method: REG/P-F/AUD. Prerequisites: CHEM 113; and ENCE 221. 3 credits
0101 MF.....8:00am- 8:50am (EGR 0108) Birkner, F
F.....9:00am-12:00pm (CHM 1105) LAB
0102 MF.....8:00am- 8:50am (EGR 0108) Birkner, F
F.....12:00pm- 3:00pm (CHM 1105) LAB

ENCE435 Sanitary Engineering Analysis and Design; (PermReq) Grade Method: REG/P-F/AUD. Prerequisites: ENCE 221; and ENCE 330. 4 credits
0101 MWF.....11:00am-11:50am (EGR 0108) Hao, O
M.....2:00pm- 5:00pm (EGR 1106) LAB

ENCE441 Soil-Foundation Systems; Grade Method: (PermReq) REG/P-F/AUD. Prerequisite: ENCE 340. 3 credits
0101 TuTh.....9:30am-10:45am (EGR 2107) Aggour, M

ENCE453 Computer-Aided Structural Analysis; Grade (PermReq) Method: REG/AUD. Prerequisites: ENCE 201; and ENCE 355. 4 credits
0101 MWF.....11:00am-11:50am (EGR 1106) Chang, P
M.....2:00pm- 2:50pm (EGR 0108) LAB

ENCE455 Design of Steel Structures; Grade Method: (PermReq) REG/AUD. Prerequisites: ENCE 255; and ENCE 355. Formerly ENCE 450. 3 credits
0101 TuTh.....11:00am-12:15pm (EGR 1102) Albrecht, P

ENCE462 Systems Analysis for Civil Engineers; (PermReq) Grade Method: REG/AUD. Prerequisite: ENCE 201. 3 credits
0101 MWF.....2:00pm- 2:50pm (ARM 0116) Chang, G

ENCE463 Economic Analysis for Civil Engineers; (PermReq) Grade Method: REG/P-F/AUD. Prerequisite: permission of department. 3 credits
0101 TuTh.....9:30am-10:45am (CSS 2330) Haghani, A

ENCE465 Geographic Information Systems for (PermReq) Planning and Design Models; Grade Method: REG/AUD. Senior standing. For ENCE majors only. 3 credits
0101 TuTh.....11:00am-12:15pm (EGR 0108) Ragan, R

ENCE466 Design of Civil Engineering Systems; Grade (PermReq) Method: REG/AUD. For graduating seniors only. For ENCE majors only. 3 credits
0101 Tu.....1:00pm- 1:50pm (EGR 1106) STAFF
Tu.....2:00pm- 4:30pm (EGR 1106) LAB
Th.....2:00pm- 4:30pm (EGR 1106) LAB

ENCE470 Highway Engineering; Grade Method: (PermReq) REG/P-F/AUD. Prerequisite: ENCE 370. 4 credits
0101 MWF.....10:00am-10:50am (ITV 1111) Carter, E
W.....2:00pm- 5:00pm (EGR 1106) LAB

ENCE489 Special Problems in Civil Engineering; (PermReq) Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 3 credits

ENCE489T Special Problems in Civil Engineering: (PermReq) Advanced Environmental Engineering Problems; Grade Method: REG/AUD. Prerequisite: permission of instructor. 3 credits
0101 TuTh.....12:30pm- 1:45pm (EGR 0110) Davis, A

ENCE630 Environmental and Water Resource Systems I; Grade Method: REG/AUD. Prerequisite: permission of both department and instructor. 3 credits
0101 MWF.....9:00am- 9:50am (EGR 1102) McCuen, R

ENCE632 Free Surface Flow; Grade Method: REG/AUD. Prerequisite: ENCE 330 or equivalent. 3 credits
0101 TuTh.....6:30pm- 7:45pm (EGR 1106) Ragan, R

ENCE636 Unit Operations of Environmental Engineering; Grade Method: REG/AUD. Prerequisite: ENCE 221 or permission of both department and instructor. 3 credits
0101 TuTh.....3:30pm- 4:45pm (EGR 1102) Davis, A

ENCE637 Biological Principles of Environmental Engineering; Grade Method: REG/AUD. Prerequisite: permission of both department and instructor. 3 credits
0101 TuTh.....11:00am-12:15pm (EGR 1124) Hao, O

ENCE640 Advanced Soil Mechanics; Grade Method: REG/AUD. Prerequisite: ENCE 340 or equivalent. 3 credits
0101 Time and room to be arranged STAFF

ENCE642 Soil Dynamics; Grade Method: REG/AUD. Pre- or corequisite: ENCE 640 or permission of both department and instructor. 3 credits
0101 TuTh.....12:30pm- 1:45pm (EGR 0135) Aggour, M

ENCE643 Stability of Earth Structures; Grade Method: REG/AUD. Prerequisites: ENCE 340 or equivalent and permission of instructor. 3 credits
0101 TuTh.....3:30pm- 4:45pm (EGR 1110) Goodings, D

ENCE653 Structural Dynamics; Grade Method: REG/AUD. 3 credits
0101 TuTh.....5:00pm- 6:15pm (EGR 1110) Chang, P

ENCE656 Advanced Steel Design; Grade Method: REG/AUD. Prerequisites: ENCE 450; and ENCE 451 or equivalent. 3 credits
0101 TuTh.....8:00am- 9:15am (EGR 1106) Albrecht, P

ENCE661 Finite Element Techniques in Engineering Analysis; Grade Method: REG/AUD. Prerequisite: permission of both department and instructor. 3 credits
0101 TuTh.....2:00pm- 3:15pm (EGR 1110) Wolde-Tinsae, A

ENCE662 Construction Project Management; Grade Method: REG/AUD. 3 credits
0101 M.....7:00pm- 9:30pm (EGR 1106) Maloney, W

ENCE663 Management of Construction Organizations; Grade Method: REG/AUD. 3 credits
0101 MW.....5:00pm- 6:15pm (EGR 1120) Maloney, W

ENCE670 Highway Traffic Characteristics and Measurements; Grade Method: REG/AUD. Prerequisite: ENCE 470 or permission of both department and instructor. 3 credits
0101 MW.....5:00pm- 6:30pm (EGR 1124) Carter, E

ENCE673 Urban Transportation; Grade Method: REG/AUD. 3 credits
0101 TuTh.....3:30pm- 4:45pm (EGR 1124) Haghani, A

ENCE674 Urban Transit Planning and Rail Transportation Engineering; Grade Method: REG/AUD. Prerequisite: ENCE 471 or permission of both department and instructor. 3 credits
0101 Tu.....5:00pm- 7:45pm (EGR 3114) Schonfeld, P

ENCE688 Advanced Topics in Civil Engineering; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

ENCE688K Advanced Topics in Civil Engineering: Risk Analysis; Grade Method: REG/AUD. 3 credits
0101 MW.....8:00am- 9:15am (EGR 1110) Ayyub, B

ENCE688Q Advanced Topics in Civil Engineering: Advanced Traffic System Management; Grade Method: REG/AUD. 3 credits
0101 TuTh.....5:00pm- 7:45pm (EGR 0102) Chang, G

ENCE688W Advanced Topics in Civil Engineering: Stream Response to Waste Discharge; Grade Method: REG/AUD. 3 credits
0101 TuTh.....5:00pm- 6:15pm (EGR 1124) Birkner, F

ENCE688X Advanced Topics in Civil Engineering: Contracts and Specifications; Grade Method: REG/AUD. 3 credits
0101 Th.....5:30pm- 8:00pm (EGR 1102) Ness, A

ENCE689 Seminar; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-16 credits

ENCE689C Seminar: Construction Seminar; Grade Method: REG/AUD. 1 credit
0101 Tu.....5:30pm- 7:00pm (EGR 3102) Kartam, N

ENCE742 Site Investigation; Grade Method: REG/AUD. Prerequisite: ENCE 340 or equivalent or permission of both department and instructor. 3 credits
0101 Tu.....5:00pm- 8:00pm (EGR 1102) Rib, H

ENCE751 Advanced Problems in Structural Behavior; Grade Method: REG/AUD. Prerequisite: ENCE 750 or equivalent. 3 credits
0101 MW.....5:00pm- 6:15pm (EGR 1106) Schelling, D

ENCE799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

ENCE899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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ENCH Engineering, Chemical (Engineering)

ENCH215 Chemical Engineering Analysis; Grade (PermReq) Method: REG/P-F/AUD. Prerequisite: CHEM 104. Pre- or corequisite: MATH 141. 3 credits
0101 MWF.....11:00am-11:50am (CHE 2140) Weigand, W

ENCH300 Chemical Process Thermodynamics; Grade (PermReq) Method: REG/P-F/AUD. Prerequisites: CHEM 203; and ENCH 215; and MATH 241. 3 credits
0101 MWF.....9:00am- 9:50am (CHE 2108) McAvoy, T

ENCH333 Chemical Engineering Seminar; Grade (PermReq) Method: REG/P-F/AUD. Senior standing. 1 credit
0101 W.....12:00pm-12:50pm (CHE 2136) Wang, N

ENCH425 Transport Processes II: Heat Transfer; (PermReq) Grade Method: REG/P-F/AUD. Prerequisite: MATH 246. Pre- or corequisite: ENCH 280. 3 credits
0101 MWF.....10:00am-10:50am (CHE 2110) Smith, T

ENCH437 Chemical Engineering Laboratory; Grade (PermReq) Method: REG/P-F/AUD. Prerequisites: ENCH 427; and ENCH 440; and ENCH 442. 3 credits
0101 Th.....11:00am- 6:00pm (CHE 1145) LAB Regan, T
0201 Tu.....11:00am- 6:00pm (CHE 1145) LAB Regan, T

ENCH444 Process Engineering Economics and Design (PermReq) I; Grade Method: REG/P-F/AUD. Prerequisites: ENCH 427; and ENCH 440; and ENCH 442. 3 credits
0101 MWF.....3:00pm- 3:50pm (CHE 2110) Gasner, L

ENCH450 Chemical Process Development; Grade (PermReq) Method: REG/P-F/AUD. Prerequisite: ENCH 427. 3 credits
0101 TuTh.....9:30am-10:45am (CHE 2136) Gasner, L

ENCH452 Advanced Chemical Engineering Analysis; (PermReq) Grade Method: REG/P-F/AUD. Prerequisite: ENCH 427. 3 credits
0101 MWF.....9:00am- 9:50am (CHE 2120) Wang, N

ENCH468 Research; Grade Method: REG/P-F/AUD. (PermReq) Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

ENCH482 Biochemical Engineering; Grade Method: (PermReq) REG/P-F/AUD. Prerequisite: senior standing in engineering or permission of both department and instructor. 3 credits
0101 MWF.....11:00am-11:50am (CHE 2108) Bentley, W

ENCH490 Introduction to Polymer Science; Grade (PermReq) Method: REG/P-F/AUD. Prerequisite: ENCH 425. 3 credits
0101 MWF.....10:00am-10:50am (CHE 2136) Choi, K

ENCH609 Graduate Seminar; Grade Method: REG/AUD. (PermReq) 1 credit
0101 Tu.....3:00pm- 3:50pm (CHE 2145) Gentry, J

ENCH620 Methods of Engineering Analysis; Grade Method: REG/AUD. 3 credits
0101 MW.....5:30pm- 6:45pm (CHE 2145) Gentry, J

ENCH630 Transport Phenomena; Grade Method: REG/AUD. 3 credits
0101 MW.....4:00pm- 5:15pm (CHE 2145) STAFF

ENCH648 Special Problems in Chemical Engineering; (PermReq) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-16 credits

ENCH648C Special Problems in Chemical Engineering: (PermReq) Chemical Engineering Teaching Internship; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

ENCH648L Special Problems in Chemical Engineering: (PermReq) Artificial Intelligence and LISP Computing in Process Engineering; Grade Method: REG/AUD. 3 credits
0101 TuTh.....4:00pm- 5:15pm (CHE 2116) Mavrovouniotis,

ENCH648N Special Problems in Chemical Engineering: (PermReq) Advanced Neural Networks; Grade Method: REG/AUD. 3 credits
0101 TuTh.....5:30pm- 6:45pm (CHE 2118) Dayhoff, J

ENCH735 Chemical Process Dynamics; Grade Method: REG/AUD. Prerequisite: Differential equations or permission of both department and instructor. 3 credits
0101 MW.....1:00pm- 2:15pm (CHE 2136) Zafiriou, E

ENCH799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

ENCH899 Doctoral Dissertation Research: Chemical Engineering; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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ENCO Engineering, Cooperative Education (Engineering)

ENCO098 Co-Op Work Experience; Grade Method: S-F. (PermReq) If dropping course, see Withdrawal and Refund of Fees - Special Refund Deadlines in the Financial Information section of the Schedule of Classes. No credit
0101 Time and room to be arranged Sauber, H

ENCO099 Co-Op Work Experience; Grade Method: S-F. (PermReq) If dropping course, see Withdrawal and Refund of Fees - Special Refund Deadlines in the Financial Information section of the Schedule of Classes. No credit
0101 Time and room to be arranged Sauber, H

ENEE Engineering, Electrical (Engineering)

ENEE204 Basic Circuit Theory; Grade Method: REG. (PermReq) Prerequisite: MATH 246. Engineering College only (04). 3 credits
0101 TuTh.....9:30am-10:45am (PHY 1410) STAFF
M.....1:00pm- 1:50pm (EGR 1102) DIS
0103 TuTh.....9:30am-10:45am (PHY 1410) STAFF
Tu.....2:00pm- 2:50pm (CHE 2120) DIS
0105 TuTh.....9:30am-10:45am (PHY 1410) STAFF
W.....12:00pm-12:50pm (EGR 3106) DIS
0106 TuTh.....9:30am-10:45am (PHY 1410) STAFF
W.....2:00pm- 2:50pm (CHM 0128) DIS
0107 TuTh.....9:30am-10:45am (PHY 1410) STAFF
Th.....8:00am- 8:50am (EGR 1110) DIS
0108 TuTh.....9:30am-10:45am (PHY 1410) STAFF
F.....9:00am- 9:50am (EGR 3108) DIS

ENEE244 Digital Logic Design; Grade Method: REG. (PermReq) Prerequisite: ENES 240. Engineering College only (04). 3 credits
0101 TuTh.....12:30pm- 1:45pm (EGR 1202) STAFF
M.....8:00am- 8:50am (EGR 3110) DIS
0102 TuTh.....12:30pm- 1:45pm (EGR 1202) STAFF
M.....12:00pm-12:50pm (EGR 3108) DIS
0103 TuTh.....12:30pm- 1:45pm (EGR 1202) STAFF
M.....2:00pm- 2:50pm (EGR 3110) DIS
0105 TuTh.....12:30pm- 1:45pm (EGR 1202) STAFF
Tu.....2:00pm- 2:50pm (EGR 1108) DIS
0107 TuTh.....12:30pm- 1:45pm (EGR 1202) STAFF
Th.....2:00pm- 2:50pm (EGR 0102) DIS
0108 TuTh.....12:30pm- 1:45pm (EGR 1202) STAFF
W.....9:00am- 9:50am (EGR 0102) DIS

ENEE300 Principles of Electrical Engineering; (PermReq) Grade Method: REG. Prerequisites: MATH 241, PHYS 263. Corequisite: ENEE 301. Required of aerospace, mechanical and chemical engineers. Not applicable in the electrical engineering major program. Acceptable as prerequisite for some advanced ENEE courses. Engineering college (04) only. 3 credits
0101 TuTh.....8:00am- 9:15am (ARM 0131) STAFF
Tu.....1:00pm- 1:50pm (EGR 1108) DIS
0102 TuTh.....8:00am- 9:15am (ARM 0131) STAFF
Th.....1:00pm- 1:50pm (EGR 1108) DIS
0103 TuTh.....8:00am- 9:15am (ARM 0131) STAFF
Tu.....2:00pm- 2:50pm (EGR 3108) DIS
C104 TuTh.....8:00am- 9:15am (ARM 0131) STAFF
Th.....2:00pm- 2:50pm (EGR 1124) DIS
0109 TuTh.....8:00am- 9:15am (ARM 0131) STAFF
W.....2:00pm- 2:50pm (EGR 2112) DIS

ENEE301 Electrical Engineering Laboratory, Grade (PermReq) Method: REG. Corequisite: ENEE 300. Engineering college (04) only. 1 credit
0103 F.....8:00am- 8:50am (EGR 1202) STAFF
W.....1:00pm- 3:00pm (EGL 0124) LAB
0104 F.....8:00am- 8:50am (EGR 1202) STAFF
Th.....1:00pm- 3:00pm (EGL 0124) LAB
0106 F.....8:00am- 8:50am (EGR 1202) STAFF
Tu.....3:00pm- 5:00pm (EGL 0124) LAB
0107 F.....8:00am- 8:50am (EGR 1202) STAFF
M.....3:30pm- 5:30pm (EGL 0124) LAB

All lower-level CHEM, MATH, PHYS, and engineering courses that are required courses for the BS degree in Electrical Engineering must be completed before enrolling in any 300- or 400- level course (except ENEE 300 and ENEE 301). Transfer students will be allowed one term to complete all such courses after starting to take upper-level ENEE courses.

ENEE302 Analog Electronic Circuits; Grade Method: (PermReq) REG. Prerequisite: ENEE 204 and completion of all lower-division courses in the EE curriculum. See above note. ENEE majors (09090) only. 3 credits
0101 TuTh.....8:00am- 9:15am (CHE 2110) STAFF
W.....3:00pm- 3:50pm (CHE 2140) DIS
0102 TuTh.....8:00am- 9:15am (CHE 2110) STAFF
Tu.....11:00am-11:50am (EGR 3102) DIS
0201 TuTh.....11:00am-12:15pm (CHE 2110) STAFF
Th.....3:00pm- 3:50pm (EGR 2112) DIS
0202 TuTh.....11:00am-12:15pm (CHE 2110) STAFF
M.....1:00pm- 1:50pm (EGR 2112) DIS
0301 MWF.....2:00pm- 2:50pm (CHE 2108) STAFF
W.....4:00pm- 4:50pm (EGR 3110) DIS
0302 MWF.....2:00pm- 2:50pm (CHE 2108) STAFF
F.....9:00am- 9:50am (EGR 1106) DIS

ENEE305 Fundamental Laboratory; Grade Method: REG. (PermReq) Prerequisite: ENEE 204 and completion of all lower-division technical courses in the EE curriculum. See above note. This course is prerequisite to all ENEE 400-level laboratory courses. ENEE (09090) majors only. 2 credits
0101 F.....12:00pm-12:50pm (EGR 1202) STAFF
Tu.....8:00am-11:00am (EGL 0132A) LAB
0103 F.....12:00pm-12:50pm (EGR 1202) STAFF
Tu.....12:00pm- 3:00pm (EGL 0132A) LAB
0104 F.....12:00pm-12:50pm (EGR 1202) STAFF
Th.....12:00pm- 3:00pm (EGL 0132A) LAB
0105 F.....12:00pm-12:50pm (EGR 1202) STAFF
Th.....3:00pm- 6:00pm (EGL 0132A) LAB
0106 F.....12:00pm-12:50pm (EGR 1202) STAFF
F.....1:00pm- 4:00pm (EGL 0132A) LAB
0107 F.....12:00pm-12:50pm (EGR 1202) STAFF
M.....1:00pm- 4:00pm (EGL 0132A) LAB
0108 F.....12:00pm-12:50pm (EGR 1202) STAFF
W.....3:00pm- 6:00pm (EGL 0132A) LAB
0109 F.....12:00pm-12:50pm (EGR 1202) STAFF
W.....12:00pm- 3:00pm (EGL 0132A) LAB

ENEE312 Digital Electronic Circuits; Grade Method: (PermReq) REG. Prerequisite: ENEE 302 and completion of all lower-division technical courses in the EE curriculum. See above note. ENEE majors (09090) only. 3 credits
0101 MWF.....9:00am- 9:50am (EGR 2107) STAFF
M.....1:00pm- 1:50pm (EGR 1124) DIS
0102 MWF.....9:00am- 9:50am (EGR 2107) STAFF
M.....2:00pm- 2:50pm (EGR 1124) DIS
0201 TuTh.....12:30pm- 1:45pm (EGR 1104) STAFF
Th.....3:00pm- 3:50pm (EGR 1120) DIS
0202 TuTh.....12:30pm- 1:45pm (EGR 1104) STAFF
M.....1:00pm- 1:50pm (EGR 3102) DIS
0301 TuTh.....8:00am- 9:15am (CHE 2108) STAFF
Th.....2:00pm- 2:50pm (EGR 3102) DIS
0302 TuTh.....8:00am- 9:15am (CHE 2108) STAFF
F.....12:00pm-12:50pm (EGR 3106) DIS

ENEE322 Signal and System Theory; Grade Method: 3 credits
(PermReq) REG. Prerequisites: ENEE 204 and MATH 246 and completion of all lower-division technical courses in the curriculum. See above note. ENEE majors (09090) only.
0101 TuTh.....9:30am-10:45am (JMP 3201) STAFF
Tu.....8:00am- 8:50am (EGR 2112) DIS
0102 TuTh.....9:30am-10:45am (JMP 3201) STAFF
Th.....11:00am-11:50am (EGR 1120) DIS
0201 MW.....11:00am-12:15pm (CHM 0119) STAFF
W.....1:00pm- 1:50pm (EGR 1102) DIS
0202 MW.....11:00am-12:15pm (CHM 0119) STAFF
F.....11:00am-11:50am (CHM 0119) DIS
0301 TuTh.....2:00pm- 3:15pm (CHE 2110) STAFF
Th.....4:00pm- 4:50pm (EGR 1120) DIS
0302 TuTh.....2:00pm- 3:15pm (CHE 2110) STAFF
Tu.....9:00am- 9:50am (EGR 2112) DIS

ENEE324 Engineering Probability; Grade Method: 3 credits
(PermReq) REG. Prerequisite: ENEE 322 and completion of all lower-division technical courses in the EE curriculum. See above note. ENEE majors (09090) only.
0101 MWF.....11:00am-11:50am (CHM 0115) STAFF
Tu.....2:00pm- 2:50pm (EGR 3102) DIS
0102 MWF.....11:00am-11:50am (CHM 0115) STAFF
Tu.....12:00pm-12:50pm (EGR 1110) DIS
0201 TuTh.....2:00pm- 3:15pm (CHM 0127) STAFF
F.....8:00am- 8:50am (EGR 3110) DIS
0202 TuTh.....2:00pm- 3:15pm (CHM 0127) STAFF
Tu.....9:00am- 9:50am (EGR 1110) DIS
0301 MWF.....10:00am-10:50am (ARM 0110) STAFF
Tu.....3:00pm- 3:50pm (EGR 1120) DIS
0302 MWF.....10:00am-10:50am (ARM 0110) STAFF
W.....8:00am- 8:50am (EGR 3110) DIS

ENEE350 Computer Organization; Grade Method: 3 credits
(PermReq) REG/AUD. Prerequisite: ENEE 244 and completion of all lower-division technical courses in the EE curriculum. See above note. Not open to students who have completed ENEE 250. Formerly ENEE 250. ENEE majors (09090) only
0201 MW.....1:00pm- 2:15pm (ARM 0110) STAFF
M.....9:00am- 9:50am (CHE 2145) DIS
0202 MW.....1:00pm- 2:15pm (ARM 0110) STAFF
M.....12:00pm- 1:00pm (EGR 3110) DIS
0301 TuTh.....9:30am-10:45am (ARM 0116) STAFF
Tu.....2:00pm- 2:50pm (EGR 3110) DIS
0302 TuTh.....9:30am-10:45am (ARM 0116) STAFF
Tu.....3:00pm- 3:50pm (CHE 2140) DIS

ENEE380 Electromagnetic Theory; Grade Method: REG. 3 credits
(PermReq) Prerequisites: MATH 241 and PHYS 263 and completion of all lower-division technical courses in the EE curriculum. See above note. ENEE majors (09090) only.
0101 MWF.....10:00am-10:50am (CHM 0127) STAFF
W.....12:00pm-12:50pm (EGR 3110) DIS
0102 MWF.....10:00am-10:50am (CHM 0127) STAFF
Th.....8:00am- 8:50am (EGR 0104) DIS
0201 TuTh.....12:30pm- 1:45pm (CHM 0127) STAFF
F.....2:00pm- 2:50pm (EGR 3110) DIS
0202 TuTh.....12:30pm- 1:45pm (CHM 0127) STAFF
M.....1:00pm- 1:50pm (EGR 3114) DIS
0301 MWF.....11:00am-11:50am (CHM 0127) STAFF
W.....12:00pm-12:50pm (EGR 1106) DIS
0302 MWF.....11:00am-11:50am (CHM 0127) STAFF
Th.....12:00pm-12:50pm (EGR 1110) DIS

ENEE381 Electromagnetic Wave Propagation; Grade 3 credits
(PermReq) Method: REG. Prerequisite: ENEE 380 and completion of all lower-division technical courses in the EE curriculum. See above note. ENEE majors only (09090).
0101 MWF.....8:00am- 8:50am (CHE 2108) STAFF
M.....9:00am- 9:50am (EGR 0102) DIS
0102 MWF.....8:00am- 8:50am (CHE 2108) STAFF
Tu.....4:00pm- 4:50pm (EGR 1120) DIS
0201 TuTh.....11:00am-12:15pm (CHM 0127) STAFF
F.....11:00am- 1:50pm (EGR 3114) DIS
0202 TuTh.....11:00am-12:15pm (CHM 0127) STAFF
F.....2:00pm- 2:50pm (EGR 3108) DIS
0301 MWF.....2:00pm- 2:50pm (CHM 0127) STAFF
F.....12:00pm-12:50pm (EGR 1106) DIS
0302 MWF.....2:00pm- 2:50pm (CHM 0127) STAFF
F.....1:00pm- 1:50pm (EGR 3102) DIS

ENEE407 Microwave-Circuits Laboratory; Grade 2 credits
(PermReq) Method: REG. Prerequisites: ENEE 305 and 381 and completion of all lower-division technical courses in the EE curriculum. See above note.
0101 Th.....1:00pm- 1:50pm (EGR 3108) STAFF
Th.....2:00pm- 5:00pm (EGL 0145) LAB

ENEE413 Electronics Laboratory; Grade Method: REG. 2 credits
(PermReq) Prerequisite: ENEE 305 and ENEE 314 and completion of all lower-division technical courses in the EE curriculum. See above note. ENEE majors (09090) only.
0101 M.....12:00pm-12:50pm (CHE 2110) STAFF
Tu.....9:00am-12:00pm (EGL 0122) LAB
0102 M.....12:00pm-12:50pm (CHE 2110) STAFF
Tu.....12:30pm- 3:30pm (EGL 0122) LAB
0103 M.....12:00pm-12:50pm (CHE 2110) STAFF
Th.....9:00am-12:00pm (EGL 0122) LAB
0104 M.....12:00pm-12:50pm (CHE 2110) STAFF
Th.....12:30pm- 3:30pm (EGL 0122) LAB
0105 M.....12:00pm-12:50pm (CHE 2110) STAFF
F.....1:00pm- 4:00pm (EGL 0122) LAB
0106 M.....12:00pm-12:50pm (CHE 2110) STAFF
W.....1:00pm- 4:00pm (EGL 0122) LAB
0108 M.....12:00pm-12:50pm (CHE 2110) STAFF
M.....3:30pm- 6:30pm (EGL 0122) LAB

ENEE418 Projects in Electrical Engineering: 1-3 credits
(PermReq) General Electrical Engineering Projects; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. ENEE majors (09090) only.

ENEE418A Projects in Electrical Engineering: 3 credits
(PermReq) Introduction to Walking Machines; Grade Method: REG. Prerequisite: Senior standing and consent of instructor.
0101 MW.....1:00pm- 2:15pm (ARM 0112) STAFF

ENEE420 Communication Systems; Grade Method: REG. 3 credits
(PermReq) Prerequisite: ENEE 324 and completion of all lower-division technical courses in the EE curriculum. See above note. ENEE majors (09090) only.
0101 TuTh.....3:30pm- 4:45pm (EGR 2107) STAFF
0201 MW.....3:30pm- 4:45pm (EGR 1126) STAFF

ENEE425 Digital Signal Processing; Grade Method: 3 credits
(PermReq) REG. Prerequisite: ENEE 322 and completion of all lower-division technical courses in the EE curriculum. See above note. ENEE majors (09090) only.
0101 MW.....12:30pm- 1:45pm (EGR 1126) STAFF
0301 MW.....3:30pm- 4:45pm (EGR 3106) STAFF

ENEE435 Electrodes and Electrical Processes in 3 credits
(PermReq) Biology and Medicine; Grade Method: REG. Prerequisite: ENEE 204 or ENEE 300 and completion of all lower-division technical courses in the EE curriculum. See above note. ENEE majors (09090) only.
0101 TuTh.....6:30pm- 7:45pm (EGR 3110) STAFF

ENEE440 Microprocessors; Grade Method: REG/AUD. 3 credits
(PermReq) Prerequisite: ENEE 250 and completion of all lower-division technical courses in the EE curriculum. See above note. ENEE majors only (09090).
0101 TuTh.....12:30pm- 1:45pm (EGR 3106) STAFF
0201 TuTh.....9:30am-10:45am (EGR 1120) STAFF
0301 TuTh.....8:00am- 9:15am (ITV 1111) STAFF

ENEE445 Computer Laboratory; Grade Method: REG. 2 credits
(PermReq) Prerequisite: ENEE 305 and ENEE 440 or ENEE 444 and completion of all lower-division technical course in the EE curriculum. See above note. ENEE majors (09090) only.
0101 Tu.....11:00am-11:50am (EGR 3108) STAFF
Tu.....12:30pm- 3:30pm (EGL 0130) LAB
0102 Tu.....11:00am-11:50am (EGR 3108) STAFF
Th.....9:00am-12:00pm (EGL 0130) LAB
0103 Tu.....11:00am-11:50am (EGR 3108) STAFF
Th.....12:30pm- 3:30pm (EGL 0130) LAB

ENEE446 Digital Computer Design; Grade Method: 3 credits
(PermReq) REG. Prerequisite: ENEE 250 and completion of all lower-division technical courses in the EE curriculum. See above note. ENEE majors (09090) only.
0101 TuTh.....5:00pm- 6:15pm (EGR 3106) STAFF
0301 TuTh.....9:30am-10:45am (ARM 0117) STAFF

ENEE450 Discrete Structures; Grade Method: REG. 3 credits
(PermReq) Prerequisite: ENEE 350 and completion of all lower-division technical courses in the EE curriculum. See above note. ENEE majors (09090) only.
0101 MW.....11:00am-12:15pm (EGR 2107) STAFF

ENEE460 Control Systems; Grade Method: REG. 3 credits
(PermReq) Prerequisite: ENEE 322 and completion of all lower-division technical courses in the EE curriculum. See above note. ENEE majors (09090) only.
0101 MW.....2:00pm- 3:15pm (EGR 3106) STAFF

ENEE472 Electric Power System Components; Grade 3 credits
(PermReq) Method: REG. Prerequisite: ENEE 322; and ENEE 380; and completion of all lower-division technical courses in the EE curriculum. See above note. ENEE majors (09090) only.
0101 TuTh.....11:00am-12:15pm (EGR 1126) STAFF

ENEE473 Electrical Machines Laboratory; Grade 2 credits
(PermReq) Method: REG. Prerequisite: ENEE 305 and completion of all lower-division technical courses in the EE curriculim. See above note. ENEE majors (09090) only.
0101 W.....1:00pm- 1:50pm (EGR 1104) STAFF
W.....2:30pm- 5:00pm (EGL 0130A) LAB
0102 W.....1:00pm- 1:50pm (EGR 1104) STAFF
M.....2:30pm- 5:00pm (EGL 0130A) LAB
0103 W.....1:00pm- 1:50pm (EGR 1104) STAFF
Tu.....2:30pm- 5:00pm (EGL 0130A) LAB
0104 W.....1:00pm- 1:50pm (EGR 1104) STAFF
Th.....2:30pm- 5:00pm (EGL 0130A) LAB

ENEE475 Power Electronics; Grade Method: REG. 3 credits
(PermReq) Prerequisite: ENEE 302 and completion of all lower-division technical courses in the EE curriculum. See above note. ENEE majors (09090) only.
0101 TuTh.....6:30pm- 7:45pm (EGR 0110) STAFF

ENEE480 Fundamentals of Solid State Electronics; 3 credits
(PermReq) Grade Method: REG. Prerequisite: ENEE 381 and completion of all lower-division technical courses in the EE curriculum. See above note. ENEE majors (09090) only.
0101 TuTh.....11:00am-12:15pm (CHM 0119) STAFF

ENEE488C Topics in Electrical Engineering: 3 credits
(PermReq) Fundamentals of Charged Particle Devices; Grade Method: REG. ENEE majors (09090) only. Co-requisite: ENEE 381 and completion of all lower-division technical courses within EE curriculum. See above note.
0101 TuTh.....2:00pm- 3:15pm (EGR 3106) STAFF

ENEE488D Topics in Electrical Engineering: Data 3 credits
(PermReq) Structures and Algorithms; Grade Method: REG. Prerequisite: ENEE 450 and completion of all lower-division technical courses in the EE curriculum. See above note. ENEE majors (09090) only.
0101 WF.....12:30pm- 1:45pm (ITV 1111) STAFF

ENEE488J Topics in Electrical Engineering: 3 credits
(PermReq) Introduction to Controlled Fusion; Grade Method: REG. Prerequisite: ENEE 381 and completion of all lower-division technical courses in the EE curriculum. See above note. ENEE majors (09090) only.
0101 MW.....3:30pm- 4:45pm (EGR 0110) STAFF

ENEE488K Topics in Electrical Engineering: Optical 3 credits
(PermReq) System Design; Grade Method: REG. Corequisite: ENEE 381 and completion of all lower-division technical courses in the EE curriculum. ENEE majors (09090) only.
0101 MW.....9:30am-10:45am (EGR 2112) STAFF

ENEE496 Lasers and Electro-optic Devices; Grade 3 credits
(PermReq) Method: REG. Pre- or corequisite: ENEE 381. Completion of all lower-division technical courses in the EE curriculum. See above note. ENEE majors (09090) only.
0101 MW.....11:00am-12:15pm (EGR 1120) STAFF

ENEE608A Graduate Seminar: Communications Seminar; 1 credit
Grade Method: REG/AUD. Electrical Engineering majors only.
0101 F.....4:00pm- 4:50pm (EGR 3114) STAFF

ENEE608B Graduate Seminar: Computers; Grade Method: 1 credit
REG/AUD. Electrical Engineering majors only.
0101 Tu.....6:30pm- 8:00pm (EGR 2154) STAFF

ENEE608C Graduate Seminar: Controls; Grade Method: 1 credit
REG/AUD. Electrical Engineering majors only.
0101 Th.....11:00am-12:00pm (EGR 3108) STAFF

ENEE608D Graduate Seminar: Electrophysics Seminar; 1 credit
Grade Method: REG/AUD. Electical Engineering majors only.
0101 F.....4:00pm- 5:00pm (EGR 3110) STAFF

ENEE608E Graduate Seminar: Microelectronics 1 credit
Seminar; Grade Method: REG/AUD. Electrical Engineering majors only.
0101 M.....4:00pm- 5:00pm (EGR 1108) STAFF

ENEE609A Projects in Electrical Engineering: 1-3 credits
(PermReq) Independent Study; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ENEE609B Projects in Electrical Engineering; Grade 1-3 credits
(PermReq) Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ENEE620 Random Processes in Communication and 3 credits
Control; Grade Method: REG/AUD. Prerequisite: ENEE 324 or equivalent.
0101 TuTh.....5:00pm- 6:15pm (EGR 0104) STAFF
0201 MW.....5:00pm- 6:15pm (EGR 2107) STAFF

ENEE625 Multi-user Communication; Grade Method: 3 credits
REG/AUD. Prerequisite: ENEE 620.
0101 TuTh.....11:00am-12:15pm (EGR 2107) STAFF

ENEE646 Digital Computer Design; Grade Method: 3 credits
REG/AUD. Prerequisite: ENEE 446.
0101 TuTh.....12:30pm- 1:45pm (EGR 2107) STAFF

ENEE648C Advanced Topics in Electrical Engineering: 3 credits
VLSI System Design; Grade Method: REG/AUD.
0101 MW.....5:00pm- 6:15pm (EGR 1104) STAFF

ENEE648I Advanced Topics in Electrical Engineering: 3 credits
Operating Systems; Grade Method: REG/AUD.
0101 TuTh.....5:00pm- 6:15pm (EGR 2107) STAFF

ENEE648K Advanced Topics in Electrical Engineering: 3 credits
Fundamental Algorithmics; Grade Method: REG/AUD.
0101 MW.....5:00pm- 6:15pm (EGR 3106) STAFF

ENEE648R Advanced Topics in Electrical Engineering: 3 credits
Neural Networks: Microelectronics and Algorithmics; Grade Method: REG/AUD.
0101 TuTh.....9:30am-10:45am (MTH B0423) STAFF

ENEE648Z Advanced Topics in Electrical Engineering: 3 credits
Semiconductor Manufacturing; Grade Method: REG/AUD.
0101 MW.....2:00pm- 3:15pm (ARM 0105) STAFF

ENEE661 Nonlinear Control Systems; Grade Method: 3 credits
REG/AUD. Prerequisite: ENEE 460 or permission of instructor.
0101 MW.....12:30pm- 1:45pm (CHM 0119) STAFF

ENEE663 System Theory; Grade Method: REG/AUD. 3 credits
Also offered as MAPL 640.
0101 MW.....3:30pm- 4:45pm (CHM 0119) STAFF

ENEE680 Electromagnetic Theory I; Grade Method: 3 credits
REG/AUD. Prerequisite: ENEE 381 or equivalent.
0101 MW.....2:00pm- 3:15pm (EGR 1104) STAFF

ENEE690 Quantum and Wave Phenomena with Electrical 3 credits
Application; Grade Method: REG/AUD. Prerequisites: ENEE 381 and ENEE 382 or equivalent.
0101 MW.....11:00am-12:15pm (EGR 0104) STAFF

ENEE696 Integrated and Microwave Electronics; 3 credits
Grade Method: REG/AUD. Prerequisite: ENEE 310. Recommended: ENEE 793.
0101 MW.....5:00pm- 6:15pm (CHM 0128) STAFF

ENEE697 Semiconductor Devices and Technology; 3 credits
Grade Method: REG/AUD. Prerequisite: ENEE 496 or equivalent. Recommended: ENEE 793.
0101 MW.....9:30am-10:45am (EGR 3102) STAFF

ENEE721 Information Theory; Grade Method: REG/AUD. 3 credits
Corequisite: ENEE 620. Prerequisite: STAT 400 or equivalent. Also offered as MAPL 731.
0101 MW.....2:00pm- 3:15pm (EGR 2107) STAFF

ENEE724 Digital Signal Processing; Grade Method: 3 credits
REG/AUD. Prerequisite: ENEE 620 or permission of instructor.
0101 MW.....3:30pm- 4:45pm (EGR 2107) STAFF

ENEE728I Advanced Topics in Communication Theory: 3 credits
Information Theoretic Methods in Identification and Universal Data Compression; Grade Method: REG/AUD.
0101 MW.....9:30am-10:45am (EGR 1120) STAFF

ENEE728Z Advanced Topics in Communication Theory: 3 credits
Digital Image Processing; Grade Method: REG/AUD.
0101 MW.....11:00am-12:15pm (ITV 1111) STAFF

ENEE748C Topics in Computer Design: Numerical 3 credits
Methods in Electromagnetics; Grade Method: REG/AUD.
0101 MW.....3:30pm- 4:45pm (EGR 3108) STAFF

ENEE748D Topics in Computer Design: Knowledge 3 credits
Engineering and Artificial Neural Networks; Grade Method: REG/AUD.
0101 TuTh.....3:30pm- 4:45pm (EGR 3106) STAFF

ENEE762 Stochastic Control; Grade Method: REG/AUD. 3 credits
Prerequisite: ENEE 620 or equivalent; and ENEE 663/MAPL 640. Also offered as MAPL 742.
0101 TuTh.....9:30am-10:45am (Arranged) STAFF

ENEE769C Advanced Topics in Control Theory: 3 credits
Adaptive Control; Grade Method: REG/AUD.
0101 TuTh.....3:30pm- 4:45pm (EGR 0104) STAFF

ENEE769D Advanced Topics in Control Theory: 3 credits
Bifurcation and Chaos in Feedback Systems; Grade Method: REG/AUD.
0101 TuTh.....2:00pm- 3:15pm (EGR 0104) STAFF

ENEE791 Quantum Electronics II; Grade Method: 3 credits
REG/AUD.
0101 MW.....2:00pm- 3:15pm (EGR 1126) STAFF

ENEE793 Solid State Electronics; Grade Method: 3 credits
REG/AUD. Prerequisite: a graduate course in quantum mechanics or permission of instructor.
0101 MW.....11:00am-12:15pm (CHE 2145) STAFF

ENEE799 Master's Thesis Research; Grade Method: 1-6 credits
(PermReq) REG. Individual Instruction course: contact department or instructor to obtain section number.

ENEE899 Doctoral Dissertation Research; Grade 1-8 credits
(PermReq) Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

ENES Engineering Science (Engineering)

ENES101 Introductory Engineering Science; Grade 3 credits
(PermReq) Method: REG/P-F/AUD. For engineering majors only.
0101 MW.....8:00am- 8:50am (ARM 0126) Pertmer, G
Tu.....8:00am-10:00am (CHE 2145) DIS
0103 MW.....8:00am- 8:50am (ARM 0126) Pertmer, G
Th.....8:00am-10:00am (CHE 2140) DIS
0104 MW.....8:00am- 8:50am (ARM 0126) Pertmer, G
Th.....10:00am-12:00pm (CHE 2140) DIS
0105 MW.....8:00am- 8:50am (ARM 0126) Pertmer, G
F.....8:00am-10:00am (CHE 2140) DIS
0106 MW.....8:00am- 8:50am (ARM 0126) Pertmer, G
F.....12:00pm- 2:00pm (CHE 2136) DIS
0201 MW.....12:00pm-12:50pm (ARM 0131) Mosleh, A
Tu.....8:00am-10:00am (CHE 2140) DIS
0202 MW.....12:00pm-12:50pm (ARM 0131) Mosleh, A
Tu.....10:00am-12:00pm (CHE 2140) DIS
0203 MW.....12:00pm-12:50pm (ARM 0131) Mosleh, A
Tu.....1:00pm- 3:00pm (CHE 2145) DIS
0204 MW.....12:00pm-12:50pm (ARM 0131) Mosleh, A
Th.....8:00am-10:00am (CHE 2145) DIS
0205 MW.....12:00pm-12:50pm (ARM 0131) Mosleh, A
Th.....1:00pm- 3:00pm (EGR 1120) DIS
0301 TuTh.....2:00pm- 2:50pm (CHM 1407) Munno, F
M.....1:00pm- 3:00pm (CHE 2140) DIS
0302 TuTh.....2:00pm- 2:50pm (CHM 1407) Munno, F
M.....1:00pm- 3:00pm (EGR 1110) DIS
0303 TuTh.....2:00pm- 2:50pm (CHM 1407) Munno, F
W.....12:00pm- 2:00pm (CHM 0127) DIS
0304 TuTh.....2:00pm- 2:50pm (CHM 1407) Munno, F
W.....1:00pm- 3:00pm (CHE 2145) DIS
0305 TuTh.....2:00pm- 2:50pm (CHM 1407) Munno, F
W.....1:00pm- 3:00pm (CHE 2140) DIS
0306 TuTh.....2:00pm- 2:50pm (CHM 1407) Munno, F
F.....12:00pm- 2:00pm (CHE 2140) DIS

ENES110 Statics; Grade Method: REG/P-F/AUD. 3 credits
(PermReq) Corequisite: MATH 141.
0101 TuTh.....12:30pm- 1:20pm (ARM 0131) STAFF
M.....1:00pm- 3:00pm (EGR 0104) DIS
0102 TuTh.....12:30pm- 1:20pm (ARM 0131) STAFF
Tu.....2:00pm- 4:00pm (EGR 1104) DIS
0103 TuTh.....12:30pm- 1:20pm (ARM 0131) STAFF
W.....1:00pm- 3:00pm (EGR 0104) DIS
0104 TuTh.....12:30pm- 1:20pm (ARM 0131) STAFF
W.....1:00pm- 3:00pm (EGR 1108) DIS
0105 TuTh.....12:30pm- 1:20pm (ARM 0131) STAFF
Th.....2:00pm- 4:00pm (CHE 2136) DIS
0106 TuTh.....12:30pm- 1:20pm (ARM 0131) STAFF
F.....1:00pm- 3:00pm (EGR 0104) DIS

ENES220 Mechanics of Materials; Grade Method: 3 credits
REG/AUD. Prerequisites: MATH 141; and PHYS 161; and ENES 110. Prerequisite: student in the College of Engineering.
0101 MWF.....8:00am- 8:50am (EGR 3106) Trak, A
0201 MWF.....9:00am- 9:50am (EGR 3108) Garber Jr., D
0301 MWF.....10:00am-10:50am (EGR 3106) STAFF
0401 MWF.....11:00am-11:50am (EGR 3106) Ayyub, B
0501 TuTh.....8:00am- 9:15am (EGR 0108) Sahin, M

ENES221 Dynamics; Grade Method: REG/P-F/AUD. 3 credits
(PermReq) Prerequisites: ENES 110; and MATH 141; and PHYS 161. Prerequisite: student in the College of Engineering.
0101 MW.....8:00am- 8:50am (EGR 1202) STAFF
M.....1:00pm- 3:00pm (EGR 1120) DIS
0102 MW.....8:00am- 8:50am (EGR 1202) STAFF
W.....1:00pm- 3:00pm (EGR 1120) DIS
0103 MW.....8:00am- 8:50am (EGR 1202) STAFF
F.....8:00am-10:00am (EGR 0135) DIS
0201 TuTh.....9:30am-10:20am (EGR 1202) STAFF
M.....1:00pm- 3:00pm (CHE 2145) DIS
0202 TuTh.....9:30am-10:20am (EGR 1202) STAFF
Tu.....1:00pm- 3:00pm (EGR 2112) LAB
0203 TuTh.....9:30am-10:20am (EGR 1202) STAFF
Tu.....1:00pm- 3:00pm (EGR 2154) DIS
0204 TuTh.....9:30am-10:20am (EGR 1202) STAFF
Th.....1:00pm- 3:00pm (EGR 2112) DIS

ENES230 Introduction to Materials and their 3 credits
(PermReq) Applications; Grade Method: REG/P-F/AUD. Prerequisite: ENES 110. Prerequisite: student in the College of Engineering.
0101 TuTh.....3:30pm- 4:45pm (CHE 2108) Marriott, R

ENES240 Engineering Computation; Grade Method: 3 credits
(PermReq) REG. Prerequisite: MATH 141. Engineering College (04) only.
0103 MW.....11:00am-11:50am (ARM 0135) STAFF
Tu.....10:00am-12:00pm (EGR 1110) DIS
0105 MW.....11:00am-11:50am (ARM 0135) STAFF
Tu.....1:00pm- 3:00pm (EGR 1120) DIS
0108 MW.....11:00am-11:50am (ARM 0135) STAFF
Th.....10:00am-12:00pm (EGR 1110) DIS
0110 MW.....11:00am-11:50am (ARM 0135) STAFF
Th.....1:00pm- 3:00pm (CHE 2145) DIS
0111 MW.....11:00am-11:50am (ARM 0135) STAFF
Th.....1:00pm- 3:00pm (EGR 3110) DIS
0112 MW.....11:00am-11:50am (ARM 0135) STAFF
F.....1:00pm- 3:00pm (EGR 1120) DIS

ENES386 Field Work; Grade Method: REG/P-F/AUD. 1-3 credits
Individual Instruction course: contact department or instructor to obtain section number. Corequisite: ENES 387.

ENES387 Field Work Analysis; Grade Method: 1-3 credits

REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: ENES 386.

ENES388 Engineering Honors Seminar; Grade Method: REG/P-F. — 1 credit
0101 W.....12:00pm- 1:00pm (EGR 3108) McCuen, R

ENES389A Selected Topics: How Things Work - Technological Literacy for 1990's; Grade Method: REG/AUD. CORE Distributive Studies Physical Science Course. — 3 credits
0101 MWF.....10:00am-10:50am (EGR 0104) STAFF

ENFP Engineering, Fire Protection (Engineering)

ENFP251 Introduction to Fire Protection Engineering; Grade Method: REG/P-F/AUD. — 3 credits
0101 MW.....1:00pm- 3:00pm (EGR 0135) Milke, J

ENFP310 (PermReq) Fire Protection Systems Design I; Grade Method: REG/P-F/AUD. Prerequisite: ENFP 290. — 3 credits
0101 TuTh.....8:00am-10:00am (EGR 0135) Bryan, J

ENFP320 (PermReq) Pyrometrics of Materials; Grade Method: REG/P-F/AUD. — 3 credits
0101 MW.....3:00pm- 5:00pm (EGR 0135) Bryan, J

ENFP415 (PermReq) Fire Dynamics; Grade Method: REG/P-F/AUD. Prerequisites: ENCH 300 or ENME 320; and ENCE 330 or ENME 342; and ENFP 312 or permission of department. — 3 credits
0101 MW.....10:00am-12:00pm (EGR 0135) Quintiere, J

ENFP421 (PermReq) Functional and Life Safety Analysis; Grade Method: REG/P-F/AUD. Prerequisites: ENFP 320; and ENFP 315. — 3 credits
0101 TuTh.....10:00am-12:00pm (EGR 0135) Milke, J

ENFP489 (PermReq) Special Topics: Computer Analysis in Fire Protection Engineering; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....2:00pm- 4:00pm (EGR 0135) Mowrer, F

ENFP612 Toxicity Evaluation and Analysis; Grade Method: REG/AUD. — 3 credits
0101 Tu.....5:30pm- 9:30pm (EGR 0135) STAFF

ENFP624 (PermReq) Causative Analysis; Grade Method: REG/AUD. Prerequisite: permission of department. — 3 credits
0101 TuTh.....5:00pm- 6:30pm (EGR 0135) Mowrer, F

ENFP799 Master's Thesis Research; Grade Method: REG/S-F. — 3-6 credits
0101 Time and room to be arranged STAFF

ENGL English (Arts and Humanities)

A student enrolled in ENGL A101, Spring 1992 ENGL 101, will have a reserved seat in the course for the Spring 1992 semester. The enrollment must be confirmed during Spring 1992 advance registration.

ENGL101 Introduction to Writing; Grade Method: REG. Students with a TWSE score below 33 must take ENGL 101A in place of ENGL 101. Students for whom English is a second language should consider taking ENGL 101K in place of ENGL 101. — 3 credits
0001 MWF.....8:00am- 8:50am (SCP 2120) Gunther, D
0002 MWF.....8:00am- 8:50am (SCP 2122) Moore, J
0101 MWF.....9:00am- 9:50am (KEY 0124) Plaza, V
0102 MWF.....9:00am- 9:50am (HBK 1108) Brainerd, S
0105 MWF.....9:00am- 9:50am (ARM 0101) Conlogue, W
0107 MWF.....9:00am- 9:50am (HBK 0117) Jeske, M
0108 MWF.....9:00am- 9:50am (ARM 0118) Gonzalez, F
0109 MWF.....9:00am- 9:50am (WDS 0104) Karafilis, M
0111 MWF.....9:00am- 9:50am (WDS 1131) Thompson, C

01HR MWF.....9:00am- 9:50am (Arranged) Hoffman, J
Section 01HR will meet at LaPlata Dormitory, room 1125.
01RH MWF.....9:00am- 9:50am (Arranged) Mason, C
Section 01RH will meet in Denton Hall Dormitory, room 0127.
0202 MWF.....10:00am-10:50am (HBK 0125) Ruppel, F
0203 MWF.....10:00am-10:50am (ARM 0118) Apyhys, A
0205 MWF.....10:00am-10:50am (ARM 0102) Moore, J
0207 MWF.....10:00am-10:50am (HBK 0117) Rotaru, A
0208 MWF.....10:00am-10:50am (HBK 1116) Jeske, M
02HR MWF.....10:00am-10:50am (Arranged) Mason, C
Section 02HR will meet in Denton Hall Dormitory, room 0127.
02RH MWF.....10:00am-10:50am (Arranged) Hoffman, J
Section 02RH will meet in LaPlata Dormitory, room 1125.
0301 MWF.....11:00am-11:50am (ARM 0120) Apyhys, A
0302 MWF.....11:00am-11:50am (CHE 2118) Brainerd, S
0303 MWF.....11:00am-11:50am (ARM 0105) Conlogue, W
0304 MWF.....11:00am-11:50am (ARM 0121) Franks, A
0305 MWF.....11:00am-11:50am (CHE 2120) Satrom, B
0306 MWF.....11:00am-11:50am (HBK 1116) Rotaru, A
0307 MWF.....11:00am-11:50am (EGR 3114) Swayze, E
0308 MWF.....11:00am-11:50am (ARM 0103) Karafilis, M
0401 MWF.....12:00pm-12:50pm (LDS 0104) Burcham, L
0402 MWF.....12:00pm-12:50pm (KEY 0117) Friedman, J
0403 MWF.....12:00pm-12:50pm (LDS 1131) Franks, A
0404 MWF.....12:00pm-12:50pm (KEY 0121) Mulligan, T
0405 MWF.....12:00pm-12:50pm (LDS 1127) Westrich, G
0407 MWF.....12:00pm-12:50pm (ARM 0105) Wilkins, C
0408 MWF.....12:00pm-12:50pm (HBK 0125) Snowder, F
0409 MWF.....12:00pm-12:50pm (HBK 0117) O'Brien, S
0410 MWF.....12:00pm-12:50pm (ARC 1123) Portnoy, A
0411 MWF.....12:00pm-12:50pm (SCP 2119) Riley, M
0501 MWF.....1:00pm- 1:50pm (LDS 1127) Koch, L
0502 MWF.....1:00pm- 1:50pm (LDS 1131) Westrich, G
0503 MWF.....1:00pm- 1:50pm (HZF 1102) Portnoy, A
0504 MWF.....1:00pm- 1:50pm (HBK 0125) Fitzgerald, W
0505 MWF.....1:00pm- 1:50pm (ARC 1127) Satrom, B
0506 MWF.....1:00pm- 1:50pm (ARM 0117) Wilkins, C
0507 MWF.....1:00pm- 1:50pm (JMZ 1226) Snowder, F
0601 MWF.....2:00pm- 2:50pm (LDS 1127) Swayze, E
0602 MWF.....2:00pm- 2:50pm (ASY 3219) Thompson, C
0604 MWF.....2:00pm- 2:50pm (KEY 0121) Friedman, J
0605 MWF.....2:00pm- 2:50pm (JMZ 0120) Mulligan, T
0606 MWF.....2:00pm- 2:50pm (SYM 1308) Riley, M
0608 MWF.....2:00pm- 2:50pm (ASY 3211) Rakowska, M
0701 MWF.....3:00pm- 3:50pm (SCP 1121) Rakowska, M
0702 MWF.....3:00pm- 3:50pm (SCP 1123) Campos, L
0707 MWF.....3:00pm- 3:50pm (SCP 1101) Burcham, L
0801 MWF.....4:00pm- 4:50pm (KEY 0124) Campos, L
1002 TuTh.....8:00am- 9:15am (KEY 0119) Buck, J
1003 TuTh.....8:00am- 9:15am (KEY 0117) Hardwick, K
1004 TuTh.....8:00am- 9:15am (SCP 2119) Mulligan, T
1006 TuTh.....8:00am- 9:15am (JMZ 1226) Quintero, M
1007 TuTh.....8:00am- 9:15am (SCP 2121) Virgilio, D
1101 TuTh.....9:30am-10:45am (EGR 1102) Kelly, J
1102 TuTh.....9:30am-10:45am (SCP 2119) O'Brien, S
1105 TuTh.....9:30am-10:45am (TWS 0131) Buck, J
1108 TuTh.....9:30am-10:45am (ARC 1123) Hardwick, K
1202 TuTh.....11:00am-12:15pm (ASY 3219) Harrington, S
1203 TuTh.....11:00am-12:15pm (EGR 0102) Bell, V
1205 TuTh.....11:00am-12:15pm (KEY 0117) Canaday, S
1206 TuTh.....11:00am-12:15pm (ARM 0120) Eisenhower, C
1207 TuTh.....11:00am-12:15pm (EGR 3114) Spoor, S
1208 TuTh.....11:00am-12:15pm (WDS 1127) Moomau, G
1209 TuTh.....11:00am-12:15pm (HBK 1108) Berotti, K
1301 TuTh.....12:30pm- 1:45pm (COL 0100) Kelly, J
1302 TuTh.....12:30pm- 1:45pm (COL 0102) Harrington, S
1303 TuTh.....12:30pm- 1:45pm (EGR 1124) Rush, J
1304 TuTh.....12:30pm- 1:45pm (ASY 3221) Carton, S
1305 TuTh.....12:30pm- 1:45pm (COL 0104) O'Brien, S
1306 TuTh.....12:30pm- 1:45pm (ARM 0121) Sarlin, E
1308 TuTh.....12:30pm- 1:45pm (ARC 1123) McElhaney, K
1309 TuTh.....12:30pm- 1:45pm (WDS 1131) O'Callaghan, C
1401 TuTh.....2:00pm- 3:15pm (HBK 1116) Fischer, T
1403 TuTh.....2:00pm- 3:15pm (ARM 0102) Sarlin, E
1404 TuTh.....2:00pm- 3:15pm (TWS 2212) Rosen, S
1405 TuTh.....2:00pm- 3:15pm (ARM 0101) Carton, S
1406 TuTh.....2:00pm- 3:15pm (SCP 2119) Carroll, A
1407 TuTh.....2:00pm- 3:15pm (SCP 1111) Leahy, A
1501 TuTh.....3:30pm- 4:45pm (ARM 0101) O'Callaghan, C
1503 TuTh.....3:30pm- 4:45pm (KEY 0117) Rosen, S
1504 TuTh.....3:30pm- 4:45pm (KEY 0119) Kupka, K
1601 TuTh.....4:00pm- 5:15pm (SCP 2120) Hubbell, J
1602 TuTh.....3:30pm- 4:45pm (KEY 0125) Leahy, A
1801 TuTh.....7:00pm- 8:15pm (KEY 0119) Hubbell, J
1802 TuTh.....7:00pm- 8:15pm (KEY 0120) Carroll, A

ENGL101A Introduction to Writing; Grade Method: REG. Students should take ENGL 101A rather than ENGL 101 if their TWSE score (a subscore of the SAT verbal) is 33 or below. — 3 credits
1701 MWF.....2:00pm- 2:50pm (KEY 0123) Fitzgerald, W
1706 TuTh.....9:30am-10:45am (JMZ 1103) Rush, J

ENGL101H Introduction to Writing; Grade Method: REG. For general honors students or students with a verbal SAT of 600 or better. — 3 credits
0101 MWF.....10:00am-10:50am (ARM 0120) Fisher, J
0201 MWF.....1:00pm- 1:50pm (KEY 0123) Harrington, D
0301 TuTh.....9:30am-10:45am (COL 3114) Canaday, S

ENGL101K Introduction to Writing; Grade Method: REG. Limited to students for whom English is a second language. To register for ENGL 101K, a student must first demonstrate competence in English. Proof of one of the following should be brought to Undergraduat Advising. A TOEFL score of 550 with no sectional score below 50. 2. A CELT score of 220 with no subtest score below 60 and a rating of 5 or better on the writing sample. 3. Successful completion of UMEI 005: Advanced English as a Foreign Language, Semi-Intensive. — 3 credits
2002 TuTh.....9:30am-10:45am (JMZ 1109) Kupka, K
2003 TuTh.....11:00am-12:15pm (JMZ 1109) Williamson, J
2004 MWF.....10:00am-10:50am (LEF 1210) Swatski, J
2005 MWF.....10:00am-10:50am (CHE 2116) Bond, E
2006 MWF.....11:00am-11:50am (ARM 0101) Fisher, J
2007 MWF.....9:00am- 9:50am (CHE 2116) Bond, E

ENGL201 Western World Literature, Homer to the Renaissance; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C Course. — 3 credits
0101 MWF.....10:00am-10:50am (SCP 1117) Herman, M
0301 MWF.....1:00pm- 1:50pm (WDS 1130) Demaree, C
0401 MWF.....2:00pm- 2:50pm (SCP 1121) Terchek, M

ENGL201H (PermReq) Western World Literature, Homer to the Renaissance; Grade Method: REG/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C Course. — 3 credits
0101 MWF.....1:00pm- 1:50pm (SCP 2121) Coleman, L

ENGL202 Western World Literature, Renaissance to the Present; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C Course. — 3 credits
0101 MWF.....9:00am- 9:50am (SCP 1105) Buhlig Jr., P
0201 MWF.....10:00am-10:50am (SCP 1101) Demaree, C
0301 MWF.....11:00am-11:50am (SCP 2117) Demaree, C
0401 TuTh.....12:30pm- 1:45pm (WDS 1114) Cross, R

ENGL205 Introduction to Shakespeare; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C Course. Recommended for non-majors. — 3 credits
0101 TuTh.....11:00am-12:15pm (SCP 1101) Wilson, G
0201 TuTh.....12:30pm- 1:45pm (SCP 1101) Howard, J
0301 MWF.....9:00am- 9:50am (SCP 1121) Davis, J
0401 MWF.....10:00am-10:50am (KEY 0103) Winner-Moul, C
0501 MWF.....11:00am-11:50am (CHM 0124) Jaster, M
0601 TuTh.....8:00am- 9:15am (SCP 1101) Wilson, G
0701 MWF.....12:00pm-12:50pm (SCP 1107) Plaza, V
0801 MWF.....9:00am- 9:50am (KEY 0103) Jaster, M
0901 MWF.....1:00pm- 1:50pm (KEY 0103) Winner-Moul, C
1001 TuTh.....9:30am-10:45am (SCP 2121) Winton, C

ENGL211 English Literature From the Beginnings to 1800; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C Course. — 3 credits
0201 TuTh.....12:30pm- 1:45pm (SCP 1119) Chitwood, C

ENGL212 English Literature From 1800 to the Present; Grade Method: REG/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C Course. — 3 credits
0101 TuTh.....9:30am-10:45am (SCP 1103) Peterson, W
0201 MWF.....9:00am- 9:50am (SCP 1103) Svrjcek, M
0301 TuTh.....2:00pm- 3:15pm (KEY 0103) Peterson, W

ENGL221 American Literature: Beginning to 1865; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C Course. — 3 credits
0101 MWF.....2:00pm- 2:50pm (SCP 1105) Dickinson, I

ENGL222 American Literature: 1865 to Present; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C Course. — 3 credits
0101 TuTh.....11:00am-12:15pm (EGR 3110) O'Sullivan, S
0201 MWF.....1:00pm- 1:50pm (ARM 0105) Munter, R
0301 TuTh.....2:00pm- 3:15pm (SCP 1117) O'Sullivan, S
0501 MWF.....10:00am-10:50am (SCP 1107) Munter, R
0601 MWF.....9:00am- 9:50am (SCP 2120) Munter, R

ENGL234 Introduction to African-American Literature; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C Course. — 3 credits
0101 MWF.....1:00pm- 1:50pm (SCP 1101) Loiselle, C
0201 TuTh.....9:30am-10:45am (HZF 1108) Meehan, K
0301 MWF.....9:00am- 9:50am (SCP 1120) Upton, E
0501 MWF.....10:00am-10:50am (SCP 2122) Upton, E

ENGL240 Introduction to Fiction, Poetry, and Drama; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C Course. Not open to students who have completed ENGL 102. — 3 credits
0101 TuTh.....11:00am-12:15pm (ARC 1127) Rodowsky, K
0201 MWF.....10:00am-10:50am (LEF 1222) Haspel, D
0301 MWF.....12:00pm-12:50pm (SCP 1101) Haspel, D

ENGL241 Introduction to the Novel; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C Course. — 3 credits
0101 TuTh.....11:00am-12:15pm (WDS 1131) Salamanca, J
0301 TuTh.....9:30am-10:45am (COL 0102) Jackson, S
0401 MWF.....9:00am- 9:50am (SCP 2117) Gunther, D
0601 MWF.....11:00am-11:50am (EGR 2112) Shevlin, E
0701 MWF.....1:00pm- 1:50pm (SCP 2122) Shevlin, E
0901 TuTh.....2:00pm- 3:15pm (KEY 0116) Sands, M
1001 MWF.....10:00am-10:50am (SCP 2117) Oxindine, A

ENGL243 Introduction to Poetry; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C Course. — 3 credits
0301 MWF.....1:00pm- 1:50pm (KEY 0125) Farmer, W
0401 TuTh.....11:00am-12:15pm (ARM 0103) Davison, N
0501 TuTh.....9:30am-10:45am (CHM 0122) Davison, N
0601 MWF.....10:00am-10:50am (ZDP 1124) Roberts, K
0701 MWF.....11:00am-11:50am (ZDP 1124) Roberts, K
0801 MWF.....12:00pm-12:50pm (SCP 2117) Dickinson, L
0901 MWF.....11:00am-11:50am (SCP 1111) Farmer, W

ENGL244 Introduction to Drama; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C Course. — 3 credits
0101 TuTh.....9:30am-10:45am (COL 3112) Gray, C
0401 TuTh.....4:00pm- 5:15pm (SCP 1101) Sands, M
0501 MWF.....9:00am- 9:50am (SCP 1101) Eisenhauer, L

ENGL247 Literature of Fantasy; Grade Method: REG/AUD. USP Distributive Studies Area C Course. — 3 credits
0101 MWF.....10:00am-10:50am (SCP 1121) Wiese, N
0201 MWF.....1:00pm- 1:50pm (SCP 2117) Wiese, N

ENGL250 Introduction to Literature by Women; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. CORE Distributive Studies Cultural Diversity Course. USP Distributive Studies Area C Course. — 3 credits
0201 MWF.....10:00am-10:50am (SCP 1119) Rosen, S
0301 MWF.....11:00am-11:50am (ARM 0116) Koch, L
0401 TuTh.....9:30am-10:45am (JMZ 3205) Steinecke, A
0501 TuTh.....12:30pm- 1:45pm (TYD 1128) Saje, N

ENGL260 Introduction to Folklore; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Not open to students who have completed ENGL 360. — 3 credits
0101 TuTh.....9:30am-10:45am (SCP 2122) Fry, G
0201 MWF.....10:00am-10:50am (SCP 2120) Pearson, B

ENGL261 Standard English Grammar, Usage, and Diction; Grade Method: REG/P-F/AUD. — 3 credits
0101 MWF.....10:00am-10:50am (SCP 1103) James, E
0201 MWF.....11:00am-11:50am (SCP 1101) Herman, M
0301 MWF.....11:00am-11:50am (COL 3110) Scheltema, M

ENGL291 Intermediate Writing; Grade Method: REG/P-F/AUD. — 3 credits
0101 MWF.....11:00am-11:50am (ARM 0118) Swatski, J

ENGL294 Introduction to Creative Writing; Grade Method: REG/P-F/AUD. Sophomore standing. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (LDS 1130) Fischer, T
0201 MW.....3:00pm- 4:15pm (SCP 2120) Mackinnon, B
0301 MW.....2:00pm- 3:15pm (LDS 1130) Sites, M

ENGL296 Beginning Fiction Workshop; Grade Method: REG/P-F/AUD. — 3 credits
0101 MW.....2:00pm- 3:15pm (KEY 0119) Acosta, A
0201 MW.....2:00pm- 3:15pm (KEY 0117) Williamson, J
0301 TuTh.....2:00pm- 3:15pm (KEY 0125) Moomau, G

ENGL297 Beginning Poetry Workshop; Grade Method: REG/P-F/AUD. — 3 credits
0101 MW.....3:00pm- 4:15pm (SCP 1103) Roberts, K
0201 TuTh.....2:00pm- 3:15pm (JMZ 1120) Berotti, K
0301 TuTh.....2:00pm- 3:15pm (JMZ 1224) Eisenhower, C

ENGL301 Critical Methods in the Study of Literature; Grade Method: REG/P-F/AUD. USP Distributive Studies Area C Course. — 3 credits
0101 MWF.....11:00am-11:50am (KEY 0123) Cannon, E
0201 MWF.....2:00pm- 2:50pm (SCP 2120) Carmichael, E
0301 TuTh.....11:00am-12:15pm (SCP 2120) Flieger, V
0401 TuTh.....2:00pm- 3:15pm (KEY 0124) Marcuse, M
0501 TuTh.....2:00pm- 3:15pm (KEY 0123) Turner, M
0601 MWF.....10:00am-10:50am (KEY 0117) Cannon, E
0701 TuTh.....12:30pm- 1:45pm (KEY 0123) Kilvine, D
0801 TuTh.....2:00pm- 3:15pm (KEY 0120) Howard, J
0901 TuTh.....11:00am-12:15pm (JMZ 0120) Ray, S
1101 MWF.....12:00pm-12:50pm (SCP 2122) Carmichael, E
1201 TuTh.....12:30pm- 1:45pm (KEY 0116) Shannon, S
1301 TuTh.....11:00am-12:15pm (KEY 0124) Shannon, S

ENGL301H (PermReq) Critical Methods in the Study of Literature; Grade Method: REG. USP Distributive Studies Area C Course. For general and departmental honors students. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (KEY 0117) Hamilton, G

ENGL305 Shakespeare and His Contemporaries: An Introduction; Grade Method: REG/P-F/AUD. USP Distributive Studies Area C Course. — 3 credits
0101 TuTh.....11:00am-12:15pm (LDS 1130) Leinwand, T

ENGL310 Medieval and Renaissance British Literature; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....9:30am-10:45am (LDS 1131) Coletti, T
0201 TuTh.....11:00am-12:15pm (KEY 0116) Orgelfinger, G
0401 MWF.....9:00am- 9:50am (KEY 0116) Miller, T

ENGL311 Baroque and Augustan British Literature; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....9:30am-10:45am (KEY 0121) Birdsall, E
0201 TuTh.....12:30pm- 1:45pm (KEY 0126) Birdsall, E
0301 MWF.....11:00am-11:50am (LEF 1220) Wiese, N

ENGL312 Romantic to Modern British Literature; Grade Method: REG/P-F/AUD. — 3 credits
0201 TuTh.....9:30am-10:45am (SCP 2120) Hauch, S
0301 TuTh.....2:00pm- 3:15pm (SCP 2120) Hauch, S

ENGL312H Romantic to Modern British Literature; Grade Method: REG/AUD. For general honors students. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (SCP 2121) Cross, R

ENGL313 American Literature; Grade Method: REG/P-F/AUD. — 3 credits
0101 MW.....1:00pm- 1:50pm (SCP 1120) Vitzthum, R
F.....1:00pm- 1:50pm (KEY 0116) DIS
0102 MW.....1:00pm- 1:50pm (SCP 1120) Vitzthum, R
F.....1:00pm- 1:50pm (SCP 1121) DIS
0103 MW.....1:00pm- 1:50pm (SCP 1120) Vitzthum, R
F.....2:00pm- 2:50pm (SCP 1107) DIS
0104 MW.....1:00pm- 1:50pm (SCP 1120) Vitzthum, R
Th.....2:00pm- 2:50pm (JMZ 0104) DIS

ENGL320 English Romantic Literature; Grade Method: REG. USP Advanced Studies Development of Knowledge Course. Prerequisite: two college-level literature courses. Credit will be granted for only one of the following: ENGL 320 and ENGL 420 or ENGL 320 and ENGL 421. — 3 credits
0101 MWF.....2:00pm- 2:50pm (SCP 2122) Wang, O

ENGL348 Literary Works by Women: American Women Poets from Bradstreet to the Present; Grade Method: REG/P-F/AUD. CORE Distributive Studies Cultural Diversity Course. — 3 credits
0101 MWF.....1:00pm- 1:50pm (SCP 2120) Roberts, K

ENGL350 Caribbean Literature in English; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course. Course number changes to ENGL 362 after Fall 1991 Schedule Adjustment Period. Students' registration will be changed administratively at that time. — 3 credits
0101 MWF.....1:00pm- 1:50pm (SCP 1103) Morrison, S

ENGL361 Medieval Literary Modes and Modern Narrative; Grade Method: REG/P-F/AUD — 3 credits
0101 TuTh.....9:30am-10:45am (WDS 1130) Flieger, V

ENGL373 (PermReq) Honors Thesis; Grade Method: REG/P-F/AUD. Prerequisite: candidacy for honors in English. — 3 credits
0101 TU.....3:30pm- 6:00pm (SCP 1121) Richard, J

ENGL378 (PermReq) Independent Research in English; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

ENGL379E Special Topics in Literature: Film Analysis - The Rhetoric of Fictional Worlds; Grade Method: REG. USP Advanced Studies Development of Knowledge Course. Prerequisite: two literature courses. — 3 credits
0101 M.....6:30pm-10:00pm (KEY 0106) Miller, J
0201 W.....6:30pm-10:00pm (KEY 0106) Miller, J
0301 Tu.....6:30pm-10:00pm (KEY 0106) Miller, J

ENGL379N Special Topics in Literature: The Literature of Sentiment and Sentimentality; Grade Method: REG. USP Advanced Studies Analysis of Human Problems Course. Prerequisite: two literature courses. — 3 credits
0101 MWF.....11:00am-11:50am (SCP 1119) Morrison, S

ENGL380 (PermReq) Internship; Grade Method: REG. Pre- or corequisite: ENGL 381 or ENGL 382; and permission of department. — 3-6 credits
0101 Time and room to be arranged DiPaolo, T
0201 Time and room to be arranged Morrison, S
0301 Time and room to be arranged Ryan, L

ENGL384 Concepts of Grammar; Grade Method: REG/P-F/AUD. Prerequisite: ENGL 281 or equivalent. — 3 credits
0101 MWF.....11:00am-11:50am (SCP 2122) James, E

ENGL391 Advanced Composition; Grade Method: REG. Prerequisite: 56 hours of college credit which must include ENGL 101 or equivalent. Before choosing a regular section of ENGL 391, students should check to see whether they are interested in a special version of this course by reading through those sections identified with a suffix A-Z to see if any apply to them. This course satisfies the junior English requirement. — 3 credits
0001 MWF.....8:00am- 8:50am (ARM 0102) Simpson, M
0103 MWF.....9:00am- 9:50am (LDS 1130) Ruhren, K
0104 MWF.....9:00am- 9:50am (ARM 0102) Franks, A
0201 MWF.....10:00am-10:50am (SCP 2119) Ruhren, K
0202 MWF.....10:00am-10:50am (ARM 0103) Inukai, C
0203 MWF.....10:00am-10:50am (ASY 3219) Simpson, M
0301 MWF.....11:00am-11:50am (ARM 0102) Simpson, M
0302 MWF.....11:00am-11:50am (EGR 1102) STAFF
0303 MWF.....11:00am-11:50am (LDS 0104) Porosky, A
0401 MWF.....12:00pm-12:50pm (LDS 1130) Pedreira, M
0403 MWF.....12:00pm-12:50pm (SCP 2120) Porosky, A
0404 MWF.....12:00pm-12:50pm (ARM 0103) Magnetti, C
0501 MWF.....1:00pm- 1:50pm (ARM 0103) Porosky, A
0601 MWF.....2:00pm- 2:50pm (SCP 2119) Magnetti, C
1002 TuTh.....8:00am- 9:15am (ARM 0103) Northup, L
1101 TuTh.....9:30am-10:45am (JMZ 2117) Tin Nyo, M
1103 TuTh.....9:30am-10:45am (ARM 0103) D'Angelo, D
1104 TuTh.....9:30am-10:45am (JMZ 0120) Northup, L
1201 TuTh.....11:00am-12:15pm (JMZ 2117) Lake, C
1202 TuTh.....11:00am-12:15pm (TWS 0131) Tin Nyo, M
1204 TuTh.....11:00am-12:15pm (KEY 0120) Oakley, T
1301 TuTh.....12:30pm- 1:45pm (JMZ 1103) Oakley, T
1302 TuTh.....12:30pm- 1:45pm (SCP 1121) Lake, C
1304 TuTh.....12:30pm- 1:45pm (SCP 2121) McNeilly, D
1401 TuTh.....2:00pm- 3:15pm (JMZ 0122) McNeilly, D
1604 W.....6:00pm- 8:40pm (SCP 1107) STAFF

ENGL391X Advanced Composition; Grade Method: REG. Prerequisite: 56 hours of college credit which must include ENGL 101 or equivalent. This course satisfies the junior English requirement. — 3 credits

0201	TuTh.....11:00am-12:15pm (TWS 0135)	Cheong, M	

ENGL392 Advanced Composition: Pre-Law; Grade Method: REG. Prerequisite: 56 hours of college credit which must include ENGL 101 or equivalent. This course satisfies the junior English requirement. — 3 credits

0101	MWF..... 11:00am-11:50am (WDS 1131)	Procopiow, N	
0201	MWF.....1:00pm- 1:50pm (KEY 0117)	Procopiow, N	
0301	TuTh.....12:30pm- 1:45pm (KEY 0121)	Paxton, A	
0501	TuTh.....9:30am-10:45am (KEY 0117)	Paxton, A	
0601	W.....7:00pm- 9:30pm (WDS 1131)	Dyer, M	

ENGL393 Technical Writing; Grade Method: REG. Prerequisite: 56 hours of college credit which must include ENGL 101 or equivalent. Before choosing a regular section of ENGL 393, students should check to see whether they are interested in a special version of this course by reading through those sections identified with a suffix A-Z to see if any apply to them. This course satisfies the junior English requirement. — 3 credits

0002	MWF.....8:00am- 8:50am (KEY 0123)	Perla, S	
0101	MWF.....9:00am- 9:50am (EGR 3114)	Jones, E	
0103	MWF.....9:00am- 9:50am (SCP 2121)	Oswald, S	
0104	MWF.....9:00am- 9:50am (SCP 1107)	Scheltema, M	
0201	MWF.....10:00am-10:50am (EGR 0102)	Jones, E	
0202	MWF.....10:00am-10:50am (SCP 2121)	Oswald, S	
0203	MWF.....10:00am-10:50am (SCP 1105)	Scheltema, M	
0301	MWF.....11:00am-11:50am (EGR 3102)	Eckroad, T	
0302	MWF.....11:00am-11:50am (ARM 0117)	Fowler, J	
0303	MWF.....11:00am-11:50am (KEY 0117)	Perla, S	
0401	MWF.....12:00pm-12:50pm (EGR 1102)	Jones, E	
0402	MWF.....12:00pm-12:50pm (KEY 0119)	Thirolf, M	
0403	MWF.....12:00pm-12:50pm (EGR 3114)	Fowler, J	
0404	MWF.....12:00pm-12:50pm (EGR 3102)	Eckroad, T	
0501	MWF.... 1:00pm- 1:50pm (HBK 1116)	Thirolf, M	
0502	MWF..... 1:00pm- 1:50pm (EGR 3106)	Eckroad, T	
0601	MWF.....2:00pm- 2:50pm (SCP 1111)	Procopiow, N	
1001	TuTh.....8:00am- 9:15am (HBK 1108)	STAFF	
1002	TuTh.....8:00am- 9:15am (TWS 0135)	Wappel, J	
1101	TuTh.....9:30am-10:45am (HBK 0125)	Pauli, R	
1102	TuTh.....9:30am-10:45am (TWS 0135)	McCauley-Evans,	
1103	TuTh.....9:30am-10:45am (EGR 3102)	Wappel, J	
1104	TuTh.....9:30am-10:45am (ARM 0101)	Proedoehl, L	
1201	TuTh.....11:00am-12:15pm (ARM 0121)	Proedoehl, L	
1202	TuTh.....11:00am-12:15pm (ARM 0102)	Pauli, R	
1203	TuTh.....11:00am-12:15pm (HBK 0103)	McCauley-Evans,	
1301	TuTh.....12:30pm- 1:45pm (EDU 3236)	STAFF	
1302	TuTh.....12:30pm- 1:45pm (ARM 0102)	Proedoehl, L	
1303	TuTh.....12:30pm- 1:45pm (ARM 0105)	Schneiderman, B	
1304	TuTh.....12:30pm- 1:45pm (SCP 1117)	STAFF	
1401	TuTh.....2:00pm- 3:15pm (JMZ 1122)	Schneiderman, B	
1402	TuTh.....2:00pm- 3:15pm (WDS 1131)	STAFF	
1602	Tu.....6:00pm- 8:40pm (SCP 2117)	Roblyer, P	
1603	W.....6:00pm- 8:40pm (SCP 2117)	Lowderbaugh, T	
1604	Tu.....6:00pm- 8:40pm (SCP 2120)	Novotny, J	
1605	M.....6:00pm- 8:40pm (SCP 2121)	Neckere, E	
1606	Tu.....6:00pm- 8:40pm (SCP 2122)	STAFF	
1607	W.....6:00pm- 8:40pm (SCP 1103)	Berry, J	
1608	Th.....6:00pm- 8:40pm (SCP 1103)	Novotny, J	

ENGL393X Technical Writing; Grade Method: REG. Prerequisite: 56 hours of college credit which must include ENGL 101 or equivalent. For students for whom English is a second language. This course satisfies the junior English requirement. — 3 credits

0101	MWF.....11:00am-11:50am (JRN 1103)	Inukai, C	
0201	MWF.....1:00pm- 1:50pm (LEF 1210)	Inukai, C	
0302	TuTh.....9:30am-10:45am (ARM 0120)	Oliver, G	
0401	TuTh.....11:00am-12:15pm (KEY 0123)	Oliver, G	
0501	TuTh.....12:30pm- 1:45pm (JMZ 1104)	Oliver, G	

ENGL394 Business Writing; Grade Method: REG. Prerequisite: 56 hours of college credit which must include ENGL 101 or equivalent. This course satisfies the junior English requirement. — 3 credits

0101	MWF.....9:00am- 9:50am (SCP 2122)	Harris, E	
0201	MWF.....10:00am-10:50am (KEY 0121)	Harris, E	
0301	MWF.....11:00am-11:50am (WDS 1127)	Perry, R	
0401	MWF.....12:00pm-12:50pm (KEY 0123)	Harris, E	
0501	MWF.....1:00pm- 1:50pm (KEY 0119)	Perry, R	
0701	TuTh.....9:30am-10:45am (SCP 1111)	Hendrickson, A	
0801	TuTh.....11:00am-12:15pm (SCP 2119)	Hendrickson, A	
0901	TuTh.....12:30pm- 1:45pm (HBK 1108)	Rice, E	
1001	TuTh.....2:00pm- 3:15pm (ARC 1127)	Rice, E	
1201	Tu.....6:00pm- 8:45pm (SCP 1107)	Mann, G	

ENGL395 Technical Writing: Pre-Medical; Grade Method: REG. Prerequisite: 56 hours of college credit which must include ENGL 101 or equivalent. This course satisfies the junior English requirement. — 3 credits

0101	TuTh.....12:30pm- 1:45pm (SCP 1123)	Johnson, J	
0201	MWF.....1:00pm- 1:50pm (SCP 2119)	Fahnestock, J	

ENGL396 {PermReq} Intermediate Fiction Workshop; Grade Method: REG/P-F/AUD. Prerequisite: permission of department. — 3 credits

0101	TuTh.....2:00pm- 3:15pm (KEY 0117)	Salamanca, J	

ENGL397 {PermReq} Intermediate Poetry Workshop; Grade Method: REG/P-F/AUD. Prerequisite: permission of department. — 3 credits

0101	MW.....2:00pm- 3:15pm (KEY 0120)	Biespiel, D	

ENGL399B {PermReq} Senior Seminar: Shakespeare in the Context of Renaissance Women's Culture; Grade Method: REG. — 3 credits

0101	MW.....9:30am-10:45am (KEY 0119)	Donawerth, J	

ENGL399D {PermReq} Senior Seminar: The Family and American Drama; Grade Method: REG. — 3 credits

0101	TuTh.....12:30pm- 1:45pm (SCP 1103)	Robinson, J	

ENGL399E {PermReq} Senior Seminar: Irish Renaissance; Grade Method: REG. — 3 credits

0101	TuTh.....11:00am-12:15pm (SCP 3105)	Loizeaux, E	

ENGL399F {PermReq} Senior Seminar: The Harlem Renaissance; Grade Method: REG. — 3 credits

0101	MW.....12:30pm- 1:45pm (SCP 3105)	Upton, E	

ENGL399G {PermReq} Senior Seminar: Literary Difference, Sexual Difference; Grade Method: REG. — 3 credits

0101	MW.....11:00am-12:15pm (SCP 3105)	Leonardi, S	

ENGL399J {PermReq} Senior Seminar: Linguistic Approaches to Literature; Grade Method: REG. — 3 credits

0101	MW.....9:30am-10:45am (SCP 3109)	Coleman, L	

ENGL399K {PermReq} Senior Seminar: Chaucer's Canterbury Tales and the Structure of Creation; Grade Method: REG. — 3 credits

0101	MW.....11:00am-12:15pm (SCP 3109)	Moser, T	

ENGL399X {PermReq} Senior Seminar: The Old Testament and Literary Criticism; Grade Method: REG. — 3 credits

0101	MW.....12:30pm- 1:45pm (SCP 3109)	Handelman, S	

ENGL399Y {PermReq} Senior Seminar: James Joyce; Grade Method: REG. For English honors students. — 3 credits

0101	TuTh.....11:00am-12:15pm (SCP 3109)	Holton, M	

ENGL402 Chaucer; Grade Method: REG/P-F/AUD. — 3 credits

0101	TuTh.....9:30am-10:45am (SCP 2117)	Rutherford, C	

ENGL403 Shakespeare; Grade Method: REG/P-F/AUD. — 3 credits

0101	MWF.....10:00am-10:50am (WDS 0104)	Olmert, M	
0201	TuTh.....11:00am-12:15pm (SCP 1105)	Hamilton, D	
0301	MWF.....11:00am-11:50am (SCP 2120)	Olmert, M	

ENGL404 Shakespeare; Grade Method: REG/P-F/AUD. — 3 credits

0101	MWF.....11:00am-11:50am (SCP 1105)	Mack Jr, M	
0201	TuTh.....11:00am-12:15pm (SCP 2117)	Cartwright, K	
0301	TuTh.....2:00pm- 3:15pm (SCP 1101)	Leinwand, T	

ENGL409 Literature by Women Before 1800; Grade Method: REG/P-F/AUD. — 3 credits

0101	MWF.....11:00am-11:50am (SCP 1103)	Donawerth, J	

ENGL412 Literature of the Seventeenth Century, 1660-1700; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course. Prerequisite: two literature courses. — 3 credits

0101	TuTh.....9:30am-10:45am (SCP 1101)	Wilson, G	

ENGL414 Milton; Grade Method: REG/P-F/AUD. — 3 credits

0101	TuTh.....12:30pm- 1:45pm (SCP 1105)	Grossman, M	

ENGL416 Literature of the Eighteenth Century; Grade Method: REG/P-F/AUD. — 3 credits

0101	TuTh.....12:30pm- 1:45pm (SCP 2117)	Winton, C	

ENGL420 Literature of the Romantic Period I; Grade Method: REG/P-F/AUD. Credit will be granted for only one of the following: either ENGL 320 or ENGL 420; or ENGL 320 or ENGL 421. — 3 credits

0101	MWF.....1:00pm- 1:50pm (SCP 1105)	Wang, O	

ENGL422 Literature of the Victorian Period; Grade Method: REG/P-F/AUD. — 3 credits

0101	TuTh.....11:00am-12:15pm (SCP 1121)	Peterson, W	

ENGL425 Modern British Literature; Grade Method: REG/P-F/AUD. — 3 credits

0101	TuTh.....11:00am-12:15pm (SCP 2122)	Russell, J	

ENGL431 American Literature, 1810 to 1865, the American Renaissance; Grade Method: REG/P-F/AUD. — 3 credits

0101	TuTh.....11:00am-12:15pm (SCP 1117)	Levine, R	

ENGL432 American Literature, 1865 to 1914, Realism and Naturalism; Grade Method: REG. USP Advanced Studies Development of Knowledge Course. Prerequisite: two literature courses. — 3 credits

0101	MW.....10:00am-10:50am (SCP 1120)	Caramello, C	
	F.....10:00am-10:50am (SCP 1111) DIS		
0102	MW.....10:00am-10:50am (SCP 1120)	Caramello, C	
	F.....10:00am-10:50am (KEY 0116) DIS		
0103	MW.....10:00am-10:50am (SCP 1120)	Caramello, C	
	F.....11:00am-11:50am (KEY 0116) DIS		
0104	MW.....10:00am-10:50am (SCP 1120)	Caramello, C	
	F.....1:00pm- 1:50pm (SCP 1107) DIS		
0201	TuTh.....9:30am-10:45am (SCP 1105)	Lawson, L	
0301	TuTh.....9:30am-10:45am (LEF 1208)	Johnson, E	
0401	TuTh.....11:00am-12:15pm (SCP 1119)	Hauch, S	
0501	TuTh.....11:00am-12:15pm (COL 0102)	Johnson, E	

ENGL434 American Drama; Grade Method: REG/P-F/AUD. — 3 credits

0101	TuTh.....9:30am-10:45am (SCP 1117)	Robinson, J	

ENGL437 Contemporary American Literature; Grade Method: REG/P-F/AUD. — 3 credits

0101	TuTh.....2:00pm- 3:15pm (SCP 1121)	Kornblatt, J	

ENGL438A Major American Writers Before 1865: Melville and Twain; Grade Method: REG/P-F/AUD. — 3 credits

0101	TuTh.....9:30am-10:45am (SCP 1119)	Levine, R	

ENGL439A Major American Writers After 1865: Dickinson, Harper, and H.D.; Grade Method: REG/P-F/AUD. — 3 credits

0101	TuTh.....11:00am-12:15pm (SCP 1103)	Smith, M	

ENGL440 The Novel in America to 1910; Grade Method: REG/AUD. USP Advanced Studies Development of Knowledge Course. — 3 credits

0101	TuTh.....9:30am-10:45am (SCP 1107)	Clippinger, A	

ENGL442 Literature of the South; Grade Method: REG/P-F/AUD. — 3 credits

0101	TuTh.....12:30pm- 1:45pm (SCP 2120)	Lawson, L	

ENGL445 Modern British and American Poetry; Grade Method: REG/P-F/AUD. Prerequisite: permission of department required for students with credit in ENGL 345. — 3 credits

0101	TuTh.....2:00pm- 3:15pm (SCP 1103)	Holton, M	

ENGL448 Literature by Women of Color; Grade Method: REG/P-F/AUD. — 3 credits

0101	TuTh.....2:00pm- 3:15pm (SCP 1107)	Ray, S	

ENGL450 Elizabethan and Jacobean Drama; Grade Method: REG/P-F/AUD. — 3 credits

0101	TuTh.....2:00pm- 3:15pm (SCP 1105)	Cartwright, K	

ENGL453 Literary Criticism; Grade Method: REG. CORE Advanced Studies Development of Knowledge Course. USP Advanced Studies Development of Knowledge Course. Prerequisite: two literature courses. — 3 credits

0101	MWF.....11:00am-11:50am (SCP 1121)	Wang, O	
0201	MWF.....1:00pm- 1:50pm (SCP 1119)	Oxindine, A	

ENGL454 Modern Drama; Grade Method: REG/P-F/AUD. — 3 credits

0101	TuTh.....12:30pm- 1:45pm (SCP 1107)	Bryer, J	

ENGL456 The English Novel; Grade Method: REG/P-F/AUD. — 3 credits

0101	MWF.....1:00pm- 1:50pm (KEY 0121)	Moore, T	

ENGL457 The Modern Novel; Grade Method: REG/P-F/AUD. — 3 credits

0101	TuTh.....2:00pm- 3:15pm (SCP 2122)	Kleine, D	

ENGL462 Folksong and Ballad; Grade Method: REG/P-F/AUD. USP Distributive Studies Area C Course. — 3 credits

0101	MWF.....11:00am-11:50am (SCP 1107)	Pearson, B	

ENGL464 African-American Folklore and Culture; Grade Method: REG/P-F/AUD. — 3 credits

0101	TuTh.....11:00am-12:15pm (SCP 1107)	Fry, G	

ENGL466 Arthurian Legend; Grade Method: REG/P-F/AUD. — 3 credits

0101	MWF.....2:00pm- 2:50pm (SCP 2117)	Herman, H	

ENGL470 African-American Literature: The Beginning to 1910; Grade Method: REG/P-F/AUD. — 3 credits

0101	TuTh.....12:30pm- 1:45pm (SCP 2122)	Logan, S	

ENGL472 African-American Literature Since 1945; Grade Method: REG/P-F/AUD. — 3 credits

0101	TuTh.....2:00pm- 3:15pm (SCP 2117)	Washington, M	

ENGL479B Selected Topics in English and American Literature After 1800: Literature of Aids; Grade Method: REG/P-F/AUD. — 3 credits

0101	TuTh.....12:30pm- 1:45pm (KEY 0120)	Marcuse, M	

ENGL488A Topics in Advanced Writing: Technical Report Writing; Grade Method: REG/P-F/AUD. — 3 credits

0101	MWF.....9:00am- 9:50am (SCP 1123)	Perla, S	

ENGL488B Topics in Advanced Writing: Advanced Academic Writing; Grade Method: REG/P-F/AUD. — 3 credits

0101	TuTh.....11:00am-12:15pm (SCP 2121)	Logan, S	

ENGL489A Special Topics in English Language: The Language of Advertising; Grade Method: REG. USP Advanced Studies Development of Knowledge Course. — 3 credits

0101	MWF.....2:00pm- 2:50pm (SCP 1101)	James, E	

ENGL489B Special Topics in English Language: The Uses of Language; Grade Method: REG/P-F/AUD. — 3 credits

0101	MWF.....11:00am-11:50am (SCP 2121)	Coleman, L	

ENGL489C Special Topics in English Language: The Language of the Law; Grade Method: REG. CORE Advanced Studies Development of Knowledge Course. USP Advanced Studies Development of Knowledge Course. — 3 credits

0101	TuTh.....2:00pm- 3:15pm (KEY 0121)	Joseph, J	

ENGL493 Advanced Expository Writing; Grade Method: REG/P-F/AUD. — 3 credits

0101	TuTh.....11:00am-12:15pm (KEY 0121)	Johnson, J	
0201	M.....3:30pm- 6:00pm (SCP 1111)	Terchek, M	

ENGL494 Editing and Document Design; Grade Method: REG. Prerequisite: ENGL 391, ENGL 393 or equivalent. For ENGL majors only. — 3 credits

0101	TuTh.....11:00am-12:15pm (KEY 0119)	D'Angelo, D	

ENGL498 {PermReq} Advanced Fiction Workshop: Advanced Fiction Workshop; Grade Method: REG/P-F/AUD. — 3 credits

0101	M.....2:00pm- 4:30pm (SCP 1119)	Leonardi, S	

ENGL499 {PermReq} Advanced Poetry Workshop: Advanced Poetry Workshop; Grade Method: REG/P-F/AUD. — 3 credits

0101	Tu.....3:30pm- 6:00pm (SCP 2117)	Collier, M	

ENGL601 Literary Research and Critical Contexts; Grade Method: REG/AUD. — 3 credits

0201	Th.....6:30pm- 9:00pm (SCP 1123)	Marcuse, M	
0401	Tu.....6:30pm- 9:00pm (SCP 1101)	Grossman, M	
0601	Tu.....6:30pm- 9:00pm (SCP 2121)	Turner, M	

ENGL611 Approaches to College Composition; Grade Method: REG/AUD. Required for graduate assistants (optional to other graduate students) — 3 credits

0201	M.....3:30pm- 6:00pm (SCP 2119)	Shapiro, N	
0301	M.....3:30pm- 6:00pm (SCP 3105)	Hammond, E	

ENGL620 Readings in Medieval English Literature; Grade Method: REG/AUD. — 3 credits

0101	W.....6:30pm- 9:00pm (SCP 1117)	Moser, T	

ENGL622 Readings in Seventeenth-Century English Literature; Grade Method: REG/AUD. — 3 credits

0101	Th.....3:30pm- 6:00pm (SCP 1123)	Grossman, M	

ENGL623 Readings Eighteenth-Century English Literature; Grade Method: REG/AUD. — 3 credits

0101	M.....3:30pm- 6:30pm (KEY 0117)	Carretta, V	

ENGL624 Readings in English Romantic Literature; Grade Method: REG/AUD. — 3 credits

0101	Tu.....6:30pm- 9:00pm (SCP 1103)	Fraistat, N	

ENGL626 Readings in American Literature Before 1865; Grade Method: REG/AUD. — 3 credits

0101	Tu.....3:30pm- 6:00pm (SCP 3105)	Levine, R	

ENGL627 Readings in American Literature, 1865-1914; Grade Method: REG/AUD. — 3 credits

0101	W.....6:30pm- 9:00pm (SCP 3109)	Ruchard, J	

ENGL631 Readings in 20th Century American Literature; Grade Method: REG/AUD. — 3 credits

0101	M.....6:30pm- 9:00pm (SCP 3105)	Caramello, C	

ENGL668 Readings in Modern Literary Theory; Grade Method: REG/AUD. Formerly ENGL 757. — 3 credits

0101	W.....6:30pm- 9:00pm (SCP 2119)	Barry, J	

ENGL688 {PermReq} Poetry Workshop; Grade Method: REG/AUD. — 3 credits

0101	W.....4:00pm- 6:30pm (SCP 4116)	Plumly, S	
0201	W.....4:00pm- 6:30pm (SCP 2122)	Harrison, J	

ENGL689 {PermReq} Fiction Workshop; Grade Method: REG/AUD. — 3 credits

0101	W.....4:00pm- 6:30pm (SCP 3105)	Kornblatt, J	
0201	W.....4:00pm- 6:30pm (SCP 3109)	Reich, T	

ENGL699 {PermReq} Independent Study; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

ENGL719A {PermReq} Seminar in Renaissance Literature: Renaisance New Historicism; Grade Method: REG/AUD. — 3 credits

0101	Tu.....6:30pm- 9:00pm (SCP 3105)	Dobin, H	

ENGL719B {PermReq} Seminar in Renaissance Literature: Women Writers and Women's Culture in Sixteenth and Seventeenth Century England; Grade Method: REG/AUD. — 3 credits

0101	M.....3:30pm- 6:00pm (SCP 3109)	Donawerth, J	

ENGL729 {PermReq} Seminar in Eighteenth-Century Literature: Literary Biography; Grade Method: REG/AUD. — 3 credits

0101	Tu.....3:30pm- 6:00pm (SCP 3109)	Winton, C	

ENGL739 {PermReq} Seminar in Nineteenth-Century Literature: Wordsworth and Coleridge; Grade Method: REG/AUD. — 3 credits

0101	Th.....3:30pm- 6:00pm (SCP 4116)	Plumly, S	

ENGL748A {PermReq} Seminar in American Literature: Black Women Writers; Grade Method: REG/AUD. — 3 credits

0101	Th.....6:30pm- 9:00pm (SCP 4116)	Washington, M	

ENGL748B {PermReq} Seminar in American Literature: Faulkner and O'Neill; Grade Method: REG/AUD. — 3 credits

0101	Tu.....3:30pm- 6:00pm (SCP 4116)	Bryer, J	

ENGL748C {PermReq} Seminar in American Literature: The Generation of the 60's; Grade Method: REG/AUD. — 3 credits

0101	Th.....6:30pm- 9:00pm (SCP 3109)	Wyatt, D	

ENGL749A {PermReq} Studies in Twentieth-Century Literature: Contemporary Women's Fiction; Grade Method: REG/AUD. — 3 credits

0101	W.....6:30pm- 9:00pm (SCP 3105)	Leonardi, S	

ENGL749B {PermReq} Studies in Twentieth-Century Literature: James Joyce; Grade Method: REG/AUD. — 3 credits

0101	Th.....3:30pm- 6:00pm (SCP 3105)	Holton, M	

ENGL749C {PermReq} Studies in Twentieth-Century Literature: The Institutionalization of Post-Colonial Literatures; Grade Method: REG/AUD. — 3 credits

0101	Th.....6:30pm- 9:00pm (SCP 3105)	Ray, S	

ENGL749D {PermReq} Studies in Twentieth-Century Literature: Sacred Monsters; Grade Method: REG/AUD. — 3 credits

0101	M.....1:00pm- 3:30pm (JMZ 1211)	Fuegi, J	

ENGL758A Literary Criticism and Theory: The Bible {PermReq} and Contemporary Literary Theory; Grade Method: REG/AUD. Taught by Susan Handelman, Distinguished Scholar Teacher. — 3 credits

0101	M.....3:30pm- 6:00pm (SCP 4116)	Handelman, S	

ENGL758B {PermReq} Literary Criticism and Theory: Problems in Comparative Literature; Grade Method: REG/AUD. — 3 credits

0101	W.....5:00pm- 7:30pm (SCP 1105)	Lanser, S	

ENGL758C {PermReq} Literary Criticism and Theory: Literary Theory and Rhetorical Theory; Grade Method: REG/AUD. — 3 credits

0101	M.....6:30pm- 9:00pm (SCP 3109)	Schilb, J	

ENGL768 {PermReq} Studies in Drama: Drama: The Violent Art; Grade Method: REG/AUD. — 3 credits

0101	M.....4:00pm- 6:30pm (JMZ 1211)	Fuegi, J	

ENGL778 {PermReq} Seminar in Folklore: Folklore and African-American Literature; Grade Method: REG/AUD. — 3 credits

0101	M.....6:30pm- 9:00pm (SCP 4116)	Pearson, B	

ENGL788 {PermReq} Form and Theory of Poetry; Grade Method: REG/AUD. — 3 credits

0101	Tu.....6:30pm- 9:00pm (SCP 4116)	Collier, M	

ENGL799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

ENGL899 Doctoral Dissertation Research; Grade Method: REG Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

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ENMA Engineering, Materials (Engineering)

ENMA300 Materials Science and Engineering; Grade Method: REG. Prerequisite: ENES 220. Credit will be granted for only one of the following: ENMA 300 or ENME 300. — 3 credits

0101	Time and room to be arranged LAB	Wuttig, M	

ENMA462 {PermReq} Deformation of Engineering Materials; Grade Method: REG/P-F/AUD. Prerequisite: ENES 230 or permission of both department and instructor. — 3 credits

0101	MW.....2:00pm- 3:15pm (ITV 1111)	Ankem, S	

ENMA470 {PermReq} Structure and Properties of Engineering Materials; Grade Method: REG/P-F/AUD. Instructors are R. Arsenault and I. Lloyd. — 3 credits

0101	TuTh.....5:00pm- 6:30pm (CHE 2120)	Arsenault, R	

ENMA473 Processing of Engineering Materials; Grade Method: REG/P-F/AUD. — 3 credits

0101	MW.....3:30pm- 4:45pm (EGR 3102)	Dieter, G	

ENMA489 Selected Topics in Engineering Materials: Intermediate Ceramics; Grade Method: REG/P-F/AUD. — 3 credits

0101	TuTh.....3:30pm- 4:45pm (CHE 2120)	Lloyd, I	

ENMA650 {PermReq} Structure of Engineering Materials; Grade Method: REG/AUD. Prerequisite: ENMA 470 or equivalent. — 3 credits

0101	TuTh.....7:30pm- 9:45pm (CHE 2120)	Wuttig, M	

ENMA660 {PermReq} Chemical Physics of Engineering Materials; Grade Method: REG/AUD. Prerequisite: ENMA 650. — 3 credits

0101	M.....5:00pm- 6:30pm (CHE 2118) W.....6:45pm- 8:15pm (CHE 2145)	Roytburd, A	

ENMA672 Mechanical Properties of Engineering Materials; Grade Method: REG/AUD. Prerequisite: ENMA 671. — 3 credits

0101	Time and room to be arranged	Arsenault, R	

ENMA697 Seminar in Engineering Materials; Grade Method: REG/AUD. — 1 credit

0101	M.....1:30pm- 3:00pm (CHE 2118)	Roytburd, A	

ENMA698 Special Problems in Engineering Materials; — 1-16 credits

(PermReq) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ENMA698A Special Problems in Engineering Materials: Determination of Structures of Materials; Grade Method: REG/AUD. — 3 credits
0101 W.....4:30pm- 6:30pm (CHE 2118) Salamanca-Riba, TBA (MCB 0107H) LAB

ENMA799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

ENMA899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

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ENME Engineering, Mechanical (Engineering)

ENME201 Mechanical Engineering Project; Grade (PermReq) Method: S-F. — 1 credit
0101 M.....12:00pm-12:50pm (EGR 1106) STAFF
Time and room to be arranged LAB
0201 W.....12:00pm-12:50pm (EGR 0110) STAFF
Time and room to be arranged LAB
0301 F.....12:00pm-12:50pm (EGR 0110) STAFF
Time and room to be arranged LAB

ENME205 Engineering Analysis and Computer Programming; Grade Method: REG/P-F/AUD. (PermReq) Pre- or corequisite: MATH 241. — 3 credits
0101 MW.....9:00am- 9:50am (EGR 1202) STAFF
W.....1:00pm- 3:00pm (EGR 3110) DIS
0102 MW.....9:00am- 9:50am (EGR 1202) STAFF
Tu.....11:00am- 1:00pm (EGR 1120) DIS
0103 MW.....9:00am- 9:50am (EGR 1202) STAFF
Th.....11:00am- 1:00pm (EGR 1108) DIS

ENME217 Thermodynamics; Grade Method: REG/P-F/AUD. (PermReq) Prerequisites: PHYS 262; and MATH 141. — 3 credits
0101 MW.....10:00am-10:50am (EGR 1202) STAFF
M.....1:00pm- 3:00pm (EGR 3108) DIS
0102 MW.....10:00am-10:50am (EGR 1202) STAFF
Tu.....11:00am- 1:00pm (EGR 1108) DIS
0103 MW.....10:00am-10:50am (EGR 1202) STAFF
W.....1:00pm- 3:00pm (EGR 3108) DIS
0104 MW.....10:00am-10:50am (EGR 1202) STAFF
Th.....11:00am- 1:00pm (EGR 2112) DIS

ENME310 Mechanics of Deformable Solids; Grade (PermReq) Method: REG/P-F/AUD. Prerequisite: ENES 220. — 3 credits
0101 MWF.....9:00am- 9:50am (EGR 1108) STAFF
0201 MWF.....10:00am-10:50am (EGR 2154) STAFF
0301 MWF.....11:00am-11:50am (EGR 0110) STAFF

ENME311 Mechanics of Deformable Solids Laboratory; (PermReq) Grade Method: REG/P-F/AUD. Corequisite: ENME 310. — 1 credit
0101 F.....12:00pm-12:50pm (CHE 2108) STAFF
M.....11:00am- 1:00pm (EGR 0126) LAB
0102 F.....12:00pm-12:50pm (CHE 2108) STAFF
M.....1:30pm- 3:30pm (EGR 0126) LAB
0103 F.....12:00pm-12:50pm (CHE 2108) STAFF
W.....11:00am- 1:00pm (EGR 0126) LAB
0104 F.....12:00pm-12:50pm (CHE 2108) STAFF
W.....1:30pm- 3:30pm (EGR 0126) LAB

ENME315 Intermediate Thermodynamics; Grade Method: (PermReq) REG/P-F/AUD. Prerequisite: ENME 217. — 3 credits
0101 MWF.....9:00am- 9:50am (EGR 0110) STAFF
0201 MWF.....10:00am-10:50am (EGR 1108) STAFF
0301 MWF.....11:00am-11:50am (EGR 1104) STAFF

ENME320 Thermodynamics; Grade Method: REG/P-F/AUD. (PermReq) Prerequisites: MATH 141; and PHYS 262. — 3 credits
0101 MWF.....9:00am- 9:50am (EGR 0108) STAFF
0201 MWF.....10:00am-10:50am (EGR 3110) STAFF

ENME321 Transfer Processes; Grade Method: (PermReq) REG/P-F/AUD. Prerequisite: ENME 342. — 3 credits
0101 TuTh.....9:30am-10:45am (EGR 3106) STAFF
0301 MWF.....11:00am-11:50am (EGR 3110) STAFF

ENME342 Fluid Mechanics I; Grade Method: (PermReq) REG/P-F/AUD. Prerequisite: ENME 217. — 3 credits
0101 TuTh.....9:30am-10:45am (EGR 3110) STAFF
0201 TuTh.....11:00am-12:15pm (CHE 2136) STAFF
0301 TuTh.....11:00am-12:15pm (EGR 2154) STAFF

ENME343 Fluid Mechanics Laboratory; Grade Method: (PermReq) REG/P-F/AUD. Corequisite: ENME 342. — 1 credit
0101 M.....12:00pm-12:50pm (EGR 1202) STAFF
M.....1:00pm- 3:00pm (EGL B0110) LAB
0102 M.....12:00pm-12:50pm (EGR 1202) STAFF
Tu.....1:00pm- 3:00pm (EGL B0110) LAB
0103 M.....12:00pm-12:50pm (EGR 1202) STAFF
W.....1:00pm- 3:00pm (EGL B0110) LAB
0104 M.....12:00pm-12:50pm (EGR 1202) STAFF
F.....1:00pm- 3:00pm (EGL B0110) LAB

ENME360 Dynamics of Machinery; Grade Method: (PermReq) REG/P-F/AUD. Prerequisites: ENES 220; and ENES 221; and MATH 246. — 3 credits
0101 TuTh.....9:30am-10:45am (EGR 1104) STAFF
0201 TuTh.....9:30am-10:45am (EGR 0110) STAFF
0301 TuTh.....11:00am-12:15pm (EGR 1104) STAFF

ENME381 Measurements Laboratory; Grade Method (PermReq) REG/P-F/AUD. Prerequisites: ENME 360; and ENEE 300. — 3 credits
0101 TuTh.....11:00am-11:50am (EGR 1202) STAFF
Tu.....12:30pm- 3:30pm (EGL 1187) LAB
0102 TuTh.....11:00am-11:50am (EGR 1202) STAFF
Th.....12:30pm- 3:30pm (EGL 1187) LAB
0103 TuTh.....11:00am-11:50am (EGR 1202) STAFF
F.....12:30pm- 3:30pm (EGL 1187) LAB

ENME400 Machine Design; Grade Method: REG/P-F/AUD. (PermReq) Prerequisites: ENME 310; and ENME 360. Corequisite: ENME 401. — 3 credits
0101 TuTh.....8:00am- 9:15am (EGR 1104) STAFF
0201 TuTh.....9:30am-10:45am (EGR 1106) STAFF

ENME401 The Structure and Properties of Engineering Materials; Grade Method: (PermReq) REG/P-F/AUD. Corequisite: ENME 310. — 3 credits
0101 MWF.....10:00am-10:50am (EGR 1104) STAFF
0201 MWF.....11:00am-11:50am (CHE 2110) Marcinkowski, M

ENME403 Automatic Controls; Grade Method: (PermReq) REG/P-F/AUD. Prerequisites: ENEE 300; and ENME 360. Senior standing. — 3 credits
0101 MWF.....9:00am- 9:50am (EGR 2154) STAFF
0201 MWF.....10:00am-10:50am (EGR 0110) STAFF

ENME404 Mechanical Engineering Systems Design; (PermReq) Grade Method: REG/P-F/AUD. Prerequisites: ENME 400 or ENME 405; and senior standing in mechanical engineering. Limited to December graduates. — 4 credits
0101 TuTh.....11:00am-11:50am (CHE 2108) STAFF
TuTh.....12:30pm- 3:30pm (CHE 2108) DIS

ENME405 Energy Conversion Design; Grade Method: (PermReq) REG/P-F/AUD. Prerequisite: senior standing in mechanical engineering. — 3 credits
0101 TuTh.....9:30am-10:45am (EGR 2154) STAFF
0201 MWF.....11:00am-11:50am (EGR 2154) STAFF

ENME408 Selected Topics in Engineering Design; (PermReq) Grade Method: REG/P-F/AUD. — 3 credits
0101 MW.....3:30pm- 4:45pm (EGR 1104) STAFF

ENME414 Computer-Aided Design; Grade Method: (PermReq) REG/P-F/AUD. Prerequisites: ENME 205; and MATH 241 or equivalent. Design technical elective. — 3 credits
0101 TuTh.....8:00am- 9:15am (EGR 2154) STAFF

ENME423 Environmental Engineering; Grade Method: (PermReq) REG/P-F/AUD. Prerequisites: ENME 321 and senior standing in mechanical engineering. — 3 credits
0101 TuTh.....9:30am-10:45am (EGR 1126) STAFF

ENME450 Mechanical Engineering Analysis For the (PermReq) Oceanic Environment; Grade Method: REG/P-F/AUD. — 3 credits
0101 MWF.....10:00am-10:50am (EGR 2107) STAFF

ENME475 Robotics; Grade Method: REG/P-F/AUD. (PermReq) Prerequisites: ENME 360; and ENEE 300. Design technical elective. — 3 credits
0101 TuTh.....3:30pm- 4:45pm (EGR 3110) STAFF

ENME480 Engineering Experimentation; Grade Method: (PermReq) REG/P-F/AUD. Senior standing in mechanical engineering. Limited to December graduates. — 3 credits
0101 F.....1:00pm- 1:50pm (EGR 1202) STAFF
MW.....1:00pm- 3:30pm (EGR 1202) LAB

ENME488 Special Problems; Grade Method: (PermReq) REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Limited to mechanical engineering seniors. — 3 credits

ENME489 Special Topics in Mechanical Engineering; (PermReq) Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

ENME489W Special Topics in Mechanical Engineering: (PermReq) Wind Power Systems; Grade Method: REG/P-F/AUD. — 3 credits
0101 MWF.....9:00am- 9:50am (EGR 0104) STAFF

ENME600 Design with Advanced Technology; Grade Method: REG/AUD. Prerequisite: undergraduate course in machine design. — 3 credits
0101 MW.....3:30pm- 4:45pm (ITV 1111) STAFF

ENME602 Computer-Aided Design; Grade Method: (PermReq) REG/AUD. — 3 credits
0101 MW.....5:00pm- 6:15pm (EGR 1102) STAFF

ENME612 Mechanical Packaging of Advanced Electronic Systems; Grade Method: REG/AUD. — 3 credits
0101 MW.....3:30pm- 4:45pm (EGR 1120) STAFF

ENME633 Advanced Classical Thermodynamics; Grade Method: REG/AUD. Prerequisites: ENME 315, or equivalent or permission of instructor. — 3 credits
0101 TuTh.....6:30pm- 7:45pm (ITV 1111) STAFF

ENME636 Combustion I; Grade Method: REG/AUD. Prerequisites: [ENME 315; and ENME 321] or equivalent or permission of instructor. — 3 credits
0101 MW.....3:30pm- 4:45pm (EGR 0104) STAFF

ENME640 Fundamentals of Fluid Mechanics; Grade Method: REG/AUD. Prerequisite: ENME 700 or equivalent or permission of instructor. Formerly ENME 651. — 3 credits
0101 MW.....5:00pm- 6:15pm (EGR 1126) STAFF

ENME642 Hydrodynamics I; Grade Method: REG/AUD. Prerequisite: ENME 651 or equivalent or permission of instructor. Formerly ENME 653. — 3 credits
0101 MW.....6:30pm- 7:45pm (EGR 1126) STAFF

ENME658 Current Topics in Fluid Dynamics: Non-Newtonian Fluid Mechanics; Grade Method: REG/AUD. — 3 credits
0101 TuTh.....5:00pm- 6:15pm (EGR 2112) STAFF

ENME665 Advanced Topics in Vibrations; Grade Method: REG/AUD. Prerequisite: ENME 662. — 3 credits
0101 TuTh.....8:00am- 9:15am (EGR 1126) STAFF

ENME677 Applied Elasticity; Grade Method: REG/AUD. Prerequisite: MATH 462 or equivalent. — 3 credits
0101 TuTh.....5:00pm- 6:15pm (EGR 1108) STAFF

ENME700 Advanced Mechanical Engineering Analysis I; Grade Method: REG/AUD. — 3 credits
0101 MW.....6:30pm- 7:45pm (ITV 1111) STAFF

ENME788 Seminar: Mechanical Engineering Seminar; Grade Method: REG/AUD. — 1 credit
0101 Time and room to be arranged STAFF

ENME799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

ENME808 Advanced Topics in Mechanical Engineering; (PermReq) Grade Method: REG/AUD. — 3 credits
0101 Time and room to be arranged STAFF

ENME808G Advanced Topics in Mechanical Engineering: Advanced Mechanism and Robot Manipulators; Grade Method: REG/AUD. — 3 credits
0101 MW.....5:00pm- 6:15pm (EGR 2112) STAFF

ENME808P Advanced Topics in Mechanical Engineering: Microcircuit Manufacturing Technology; Grade Method: REG/AUD. — 3 credits
0101 MW.....6:30pm- 7:45pm (EGR 0110) STAFF

ENME808S Advanced Topics in Mechanical Engineering: Composite Materials; Grade Method: REG/AUD. — 3 credits
0101 TuTh.....3:30pm- 4:45pm (EGR 1126) STAFF

ENME808V Advanced Topics in Mechanical Engineering: Analysis of Machining Systems; Grade Method: REG/AUD. — 3 credits
0101 TuTh.....3:30pm- 4:45pm (EGR 2154) STAFF

ENME808X Advanced Topics in Mechanical Engineering: Nonlinear Systems; Grade Method: REG/AUD. — 3 credits
0101 TuTh.....6:30pm- 7:45pm (EGR 2107) STAFF

ENME899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

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ENNU Engineering, Nuclear (Engineering)

ENNU310 Environmental Aspects of Nuclear (PermReq) Engineering; Grade Method: REG/P-F/AUD. Prerequisites: [MATH 241 or MATH 246; and PHYS 263] or permission of both department and instructor. — 3 credits
0101 TuTh.....9:30am-10:45am (CHE 2108) Duffey, D

ENNU430 Radioisotope Power Sources; Grade Method: (PermReq) REG/P-F/AUD. Prerequisite: ENNU 215 or permission of both department and instructor. — 3 credits
0101 M.....6:45pm- 9:15pm (CHE 2116) Duffey, D

ENNU440 Nuclear Technology Laboratory; Grade (PermReq) Method: REG/P-F/AUD. Prerequisites: MATH 240; and PHYS 263. — 3 credits
0101 Tu.....1:00pm- 3:00pm (CHE 2140) Silverman, J
Th.....1:00pm- 5:00pm (CHE 1308) LAB
Th.....1:00pm- 5:00pm (CHE 2302) DIS

ENNU450 Nuclear Reactor Engineering I; Grade (PermReq) Method: REG/P-F/AUD. Prerequisites: [MATH 246; and PHYS 263] or permission of both department and instructor. — 3 credits
0101 TuTh.....5:00pm- 6:15pm (CHE 2145) Lee, R

ENNU461 Chemical Separation in the Nuclear Cycle (PermReq) Reactor Fuel; Grade Method: REG/P-F/AUD. Prerequisite: ENNU 450 or permission of both department and instructor. — 3 credits
0101 MWF.....10:00am-10:50am (CHE 2140) Duffey, D

ENNU465 Nuclear Reactor Systems Analysis; Grade (PermReq) Method: REG/P-F/AUD. Prerequisites: [MATH 246; and PHYS 263; and ENNU 455] or permission of department. — 3 credits
0101 TuTh.....5:00pm- 6:15pm (CHE 2136) Modarres, M

ENNU468 Research; Grade Method: REG/P-F/AUD. (PermReq) Individual Instruction course: contact department or instructor to obtain section number. — 2-3 credits

ENNU480 Reactor Core Design; Grade Method: (PermReq) REG/P-F/AUD. Prerequisite: ENNU 450 or permission of both department and instructor. — 3 credits
0101 MW.....4:45pm- 6:00pm (CHE 2140) Pertmer, G

ENNU609 Seminar in Nuclear Engineering; Grade (PermReq) Method: REG/AUD. — 1 credit
0101 Tu.....11:00am-11:50am (CHE 2145) Mosleh, A

ENNU620 Methods of Engineering Analysis; Grade Method: REG/AUD. Also offered as ENRE 620. — 3 credits
0101 MW.....5:15pm- 6:30pm (CHE 2136) Asbjornsen, O

ENNU640 Nuclear Reactor Physics II; Grade Method: (PermReq) REG/AUD. Prerequisite: ENCH 320. — 3 credits
0101 M.....6:45pm- 9:30pm (CHE 2118) Munno, F

ENNU648 Special Problems in Nuclear Engineering; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-16 credits

ENNU672 Nuclear Reactor Laboratory; Grade Method: (PermReq) REG/AUD. Prerequisite: permission of both department and instructor. — 3 credits
0101 Time and room to be arranged LAB Ebert, D

ENNU730 Radiation Shielding and Energy Deposition; (PermReq) Grade Method: REG/AUD. Prerequisite: ENNU 630 or permission of both department and instructor. — 3 credits
0101 Time and room to be arranged Almenas, K

ENNU799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

ENNU840 Nuclear Reactor Design; Grade Method: (PermReq) REG/AUD. Prerequisite: ENNU 630 or permission of both department and instructor. — 3 credits
0101 MW.....12:00pm- 1:15pm (CHE 2120) Hsu, Y

ENNU899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

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ENRE Reliability Engineering (Engineering)

ENRE462 Basic Reliability Engineering; Grade Method: REG/P-F/AUD. Corequisite: ENRE 470. Senior standing. — 3 credits
0101 M.....6:30pm- 9:00pm (EGR 2107) Jones, H

ENRE470 Basic Reliability Analysis; Grade Method: REG/P-F/AUD. Prerequisite: MATH 246 and PHYS 263 or permission of department. Corequisite: ENRE 462. Senior standing. — 3 credits
0101 W.....6:30pm- 9:00pm (CHE 2136) Modarres, M

ENRE480 Statistical Quality Control; Grade Method: (PermReq) REG/P-F/AUD. — 3 credits
0101 Th.....6:30pm- 9:10pm (CHE 2136) Roush, M

ENRE620 Methods of Engineering Analysis; Grade Method: REG/AUD. Also offered as ENNU 620. — 3 credits
0101 MW.....5:00pm- 6:15pm (EGR 0108) STAFF

ENRE648 Special Problems in Reliability Engineering; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

ENRE674 Failure Mechanisms and Effects Laboratory; Grade Method: REG/AUD. Prerequisite: ENRE 462 or permission of instructor. — 3 credits
0101 Tu.....6:30pm- 9:00pm (CHE 2145) Weiss, D

ENRE734 Human Reliability Analysis; Grade Method: REG/AUD. Prerequisites: ENRE 470 and ENRE 462; or permission of department. Credit will be granted for only one of the following: ENRE 734 or ENSE 606. — 3 credits
0101 W.....6:30pm- 9:00pm (CHE 2140) Baker, J

ENRE799 Master's Thesis Research; Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

ENRE899 Doctoral Dissertation Research; Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

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ENSE Systems Engineering (Engineering)

ENSE603 Systems Engineering Principles; Grade Method: REG. — 3 credits
0101 M.....6:30pm- 9:10pm (EGR 1110) Asbjornsen, O

ENSE606 Human Factors and Systems Engineering; Grade Method: REG. Prerequisite: CMSC 434 or equivalent, or permission of instructor. Credit will be granted for only one of the following: ENSE 606 or ENRE 734. — 3 credits
0101 W..... 6:30pm- 9:10pm (EGR 1102) Baker, J

ENSE799 Master's Thesis Research: Master's Thesis Credit (Systems Engineering Project); Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

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ENTM Entomology (Life Sciences)

ENTM100 Insects; Grade Method: REG/P-F/AUD. CORE Distributive Studies Life Science Course. USP Distributive Studies Area B Course. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (SYM 0200) Armstrong, E

ENTM205 Principles of Entomology; Grade Method: REG/P-F/AUD. CORE Distributive Studies Life Science Laboratory Course. USP Distributive Studies Area B Course. — 4 credits
0101 MWF.....12:00pm-12:50pm (SYM 0200) Messersmith, D
W.....2:00pm- 4:00pm (SYM 2303) LAB

ENTM398 General Colloquium in Entomology; Grade Method: REG/P-F/AUD. — 1 credit
0101 M.....4:00pm- 4:50pm (SYM 0200) Roderick, G

ENTM399 Special Problems; Grade Method: (PermReq) REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-2 credits

ENTM424 Insect Diversity and Classification; Grade Method: REG/P-F/AUD. Prerequisites: ENTM 205; and ENTM 423 — 4 credits
0101 TuTh.....2:00pm- 5:00pm (SYM 2303) Messersmith, D

ENTM453 Insect Pests of Ornamentals and Turf; Grade Method: REG/P-F/AUD. Prerequisite: ENTM 205 or permission of department. — 3 credits
0101 TuTh.....1:00pm- 1:50pm (SYM 1308) Davidson, J
Tu.....2:00pm- 5:00pm (SYM 2300) LAB

ENTM454 Principles of Plant Protection; Grade Method: REG/P-F/AUD. Prerequisites: ENTM 205 and permission of department. — 2 credits
0101 Tu.....2:00pm- 2:50pm (SYM 1308) Lamp, W
Th.....3:00pm- 5:00pm (SYM 2300) LAB

ENTM472 Medical and Veterinary Entomology; Grade Method: REG/P-F/AUD. Prerequisite: ENTM 205 or permission of department. — 4 credits
0101 MWF.....1:00pm- 1:50pm (SYM 1308) Armstrong, E
W.....2:00pm- 3:50pm (SYM 2300) LAB

ENTM622 Principles of Systematic Entomology; Grade Method: REG/AUD. Prerequisite: ENTM 421. — 3 credits
0101 TuTh.....9:00am-12:00pm (SYM 2300) Mitter, C

ENTM689 Advanced Entomology; Grade Method: (PermReq) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

ENTM788 Entomological Topics: Scientific Illustrations; Grade Method: REG/AUD. — 2 credits
0101 TuTh.....4:00pm- 6:00pm (SYM 1308) Teramura, K

ENTM788A Entomological Topics: Eukaryote Molecular Genetics; Grade Method: REG/AUD. — 1-6 credits

0101 MWF.....10:00am-10:50am (SYM 2109) Obrochta, D

ENTM789 Field Experience in Pest Management; Grade Method: REG/AUD. 1-6 credits
0101 Time and room to be arranged Dively II, G

ENTM798A Topic Seminar: Seminar in Biosystematics and Morphology; Grade Method: REG/AUD. 1 credit
0101 Time and room to be arranged Mitter, C

ENTM798D Topic Seminar: Vegetable Insect Pest Management; Grade Method: REG/AUD. 1 credit
0101 Time and room to be arranged Dively II, G

ENTM798E Topic Seminar: Medical and Veterinary Entomology; Grade Method: REG/AUD. 1 credit
0101 Time and room to be arranged Scott, T

ENTM799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

ENTM899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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FDSC Food Science (Agriculture)

The following courses may involve the use of animals. Students who are concerned about the use of animals in teaching have the responsibility to contact the instructor, prior to course enrollment, to determine whether animals are to be used in the course, whether class exercises involving animals are optional or required and what alternatives, if any, are available.

FDSC111 Contemporary Food Industry and Consumerism; Grade Method: REG/P-F/AUD. 3 credits
0101 MWF.....9:00am- 9:50am (CHM 0122) STAFF

FDSC386 (PermReq) Field Work; Grade Method: REG/P-F/AUD. Corequisite: FDSC 387. 1-3 credits
0901 Time and room to be arranged Schlimme, D

FDSC387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD. Corequisite: FDSC 386. 1-3 credits
0901 Time and room to be arranged Schlimme, D

FDSC399 (PermReq) Special Problems in Food Science; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

FDSC631 Advanced Food Microbiology; Grade Method: REG/AUD. Prerequisite: FDSC 430 or permission of instructor. 2 credits
0101 Th.....3:30pm- 5:10pm (CHM 0115) Westhoff, D

FDSC698 Colloquium in Food Science; Grade Method: REG/AUD. 1 credit
0101 Tu.....4:00pm- 4:50pm (CHM 0119) Wiley, R

FDSC699 (PermReq) Special Problems in Food Science; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-4 credits

FDSC799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

FDSC899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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FMCD Family and Community Development (Human Ecology)

FMCD105 The Individual in the Family; Grade Method: REG/P-F/AUD. 3 credits
0101 MWF.....11:00am-11:50am (ASY 3203) Drake, V

FMCD200 Pre-professional Seminar; Grade Method: REG/P-F/AUD. Prerequisite: permission of department. 1 credit
0101 M.....1:00pm- 1:50pm (MMH 1400) Billingsley, A

FMCD201 Concepts in Community Development; Grade Method: REG/P-F/AUD. USP Distributive Studies Area D Course. 3 credits
0101 W.....5:00pm- 7:45pm (LEF 2205) Hanna, W

FMCD250 Decision Making in Families and Communities; Grade Method: REG/P-F/AUD. USP Distributive Studies Area D Course. 3 credits
0101 TuTh.....12:30pm- 1:45pm (MMH 1400) Anderson, E

FMCD330 Family Patterns; Grade Method: REG/AUD. USP Distributive Studies Area A Course. Junior standing. 3 credits
0101 TuTh.....9:30am-10:45am (MMH 3418) STAFF

FMCD332 The Child in the Family; Grade Method: REG/P-F/AUD. Prerequisite: FMCD 105 or PSYC 100. 3 credits
0101 TuTh..... 11:00am-12:15pm (MMH 0108) Millstein, F

FMCD348 (PermReq) Practicum in Family and Community Development; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. Contact department advisor or instructor for application procedure. Completed and approved application deadline is Dec. 1. Student must arrange schedule to enable appropriate time blocks for experience. Concurrent enrollment in FMCD 349 required. 4 credits

FMCD349 (PermReq) Analysis of Practicum; Grade Method: REG/P-F/AUD. Advance written application required. Enrollment for 1-credit required with first registration in FMCD 348. May be repeated in subsequent semesters in other credit combinations, but must be taken with FMCD 348. 1 credit
0101 Th.....4:00pm- 6:00pm (MMH 0108) Millstein, F

FMCD370 Interpersonal Communication Processes; Grade Method: REG/P-F/AUD. 3 credits
0101 TuTh.....12:30pm- 1:45pm (MMH 0108) Epstein, N

FMCD381 Poverty and Affluence Among Families and Communities; Grade Method: REG/P-F/AUD. CORE Distributive Studies Cultural Diversity Course. USP Advanced Studies Analysis of Human Problems Course. Prerequisite: FMCD 201; or SOCY 100; or SOCY 105. 3 credits
0101 TuTh.....12:30pm- 1:45pm (HBK 0109) Koblinsky, S

FMCD386 (PermReq) Field Work; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: FMCD 387. 1-3 credits

FMCD387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: FMCD 386. 1-3 credits

FMCD399 (PermReq) Independent Study; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

FMCD430 Gender Role Development in the Family; Grade Method: REG/P-F/AUD. Prerequisites: SOCY 100; and FMCD 260; or permission of department. Junior standing. 3 credits
0101 TuTh.....2:00pm- 3:15pm (MMH 0108) Rubin, R

FMCD431 Family Crises and Intervention; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. Prerequisite: PSYC 100. Junior standing. 3 credits
0101 TuTh.....3:30pm- 4:45pm (ARM 0112) Epstein, N

FMCD432 Intergenerational Aspects of Family Living; Grade Method: REG/P-F/AUD. Prerequisites: PSYC 100; and SOCY 100; and [FMCD 332 or other human development course]. 3 credits
0101 MWF.....1:00pm- 1:50pm (MMH 1304) STAFF

FMCD441 Personal and Family Finance; Grade Method: REG/P-F/AUD. Prerequisite: ECON 201; or ECON 205; or permission of department. 3 credits
0101 MWF.....9:00am- 9:50am (MMH 1400) Churaman, C

FMCD445 Family and Household Management; Grade Method: REG/P-F/AUD. 3 credits
0101 MWF.....11:00am-11:50am (MMH 1206) Churaman, C

FMCD453 Family and Community Advocacy; Grade Method: REG/P-F/AUD. Prerequisites: 6 credits in SOCY and GVPT. Senior standing. 3 credits
0101 W.....12:00pm- 2:45pm (ARM 0121) Anderson, E

FMCD483 Family and Community Service Systems; Grade Method: REG/P-F/AUD. Prerequisites: 6 credits in SOCY and GVPT. 3 credits
0101 TuTh.....12:30pm- 1:45pm (ARM 0112) Hanna, W

FMCD487 Legal Aspects of Family Problems; Grade Method: REG/P-F/AUD. CORE Advanced Studies Social and Ethical Problems Course. USP Advanced Studies Analysis of Human Problems Course. Prerequisite: FMCD 105 or SOCY 105. 3 credits
0101 M.....3:00pm- 5:45pm (MMH 1400) Myricks, N

FMCD499M (PermReq) Special Topics: Theory and Techniques of Family Mediation; Grade Method: REG/P-F/AUD. 3 credits
0101 W.....6:00pm- 8:45pm (MMH 1304) Myricks, N

FMCD499T (PermReq) Special Topics: Mock Trial Preparation; Grade Method: REG. 1-3 credits
0101 Th.....6:00pm- 8:45pm (MMH 1206) Myricks, N

FMCD499W Special Topics: Human Service Delivery Systems; Grade Method: REG/P-F/AUD. 3 credits
0101 TuTh.....11:00am-12:15pm (TYD 1132) Wallen, J

FMCD600 (PermReq) Research and Theory in Family Studies; Grade Method: REG/AUD. 3 credits
0101 Tu.....5:00pm- 7:45pm (MMH 1206) Rubin, R

FMCD640 (PermReq) Family Therapy: Theory and Techniques; Grade Method: REG/AUD. 3 credits
0101 M.....3:00pm- 5:45pm (MMH 1206) Werlinich, C

FMCD642 (PermReq) Intergenerational Aspects of Family Therapy; Grade Method: REG/AUD. Prerequisite: FMCD 640. 3 credits
0101 Th.....1:00pm- 3:45pm (MMH 1206) Gaylin, N

FMCD647 (PermReq) Theory and Techniques of Family Mediation; Grade Method: REG/AUD. 3 credits
0101 W.....6:00pm- 8:45pm (MMH 1304) Myricks, N

FMCD650 (PermReq) Clinical Seminar in Family Therapy; Grade Method: REG/AUD. Prerequisite: permission of instructor. Limited to students admitted to the family therapy practicum. 3 credits
0101 Tu.....9:00am-11:45am (MMH 1206) Gaylin, N

FMCD652 (PermReq) Clinical Practicum in Family Therapy II; Grade Method: REG/AUD. Prerequisite: FMCD 651. Limited to students admitted to the family therapy practicum. 3 credits
0101 Tu.....9:00am-11:45am (MMH 1312) Leslie, L

FMCD660 (PermReq) Planning of Family and Community Development Programs; Grade Method: REG/AUD. 3 credits
0101 M.....2:00pm- 4:45pm (ARM 0101) Wallen, J

FMCD689 (PermReq) Internship in Family and Community Development; Grade Method: REG/AUD. 3-6 credits
0101 Time and room to be arranged Gaylin, N

FMCD698 (PermReq) Advanced Topics in Family and Community Development; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Must have written permission of faculty member and chairperson. 1-3 credits

FMCD698G (PermReq) Advanced Topics in Family and Community Development: Gender and Ethnicity Issues in Family Service Delivery; Grade Method: REG/AUD. 1-3 credits
0101 M..... 9:00am-11:45am (MMH 1200) Leslie, L

FMCD698K (PermReq) Advanced Topics in Family and Community Development: Family Life Education; Grade Method: REG/AUD. 1-3 credits
0101 Tu.....2:00pm- 4:45pm (MMH 1206) Koblinsky, S

FMCD698M (PermReq) Advanced Topics in Family and Community Development: Special Topics: Advanced Family Mediation; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 3 credits

FMCD699 (PermReq) Independent Study; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

FMCD699S (PermReq) Independent Study: Theory and Practice of Clinical Supervision; Grade Method: REG/AUD. 1-6 credits
0101 Time and room to be arranged Gaylin, N

FMCD799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. Must have written permission of faculty member and chairperson. 1-6 credits

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FOLA Foreign Language (Arts and Humanities)

FOLA108G Elementary Foreign Languages I: Elementary Modern Greek; Grade Method: REG/P-F/AUD. Introductory speaking, reading, and writing of Modern Greek for beginners. Not open for credit to native speakers. The follow-up elementary level course (FOLA 109G) will be offered in the spring semester. 3 credits
0101 MWF.....9:00am- 9:50am (JMZ 0125) STAFF

FOLA108K Elementary Foreign Languages I: Introductory Reading for Speakers of Korean; Grade Method: REG/P-F/AUD. Reading and writing practices in Korean. Course progresses from an introduction of Hangul (the Korean alphabet) to the reading of easy literature. Discussion in simple Korean. 3 credits
0101 TuTh.....9:30am-10:45am (JMZ 2125) STAFF

SELF-INSTRUCTIONAL LANGUAGE PROGRAM

The program is essentially self-instructional. The student supplies a blank tape and, in return, receives a recorded tape with the week's lesson. There is also a manual designed for self-instruction which the student is required to purchase. A native speaking tutor will be assigned to drill the student in the material learned from the tape and the accompanying manual. Every effort will be made to arrange drill sessions at times suitable to all participants in the program. Attendance at drill sessions is required of all students. There will be one final examination administered by a qualified examiner appointed by the director. The entire semester's grade will derive from this examination. Enrollment in the program is strictly limited. Application forms available in JMZ 4117. Mandatory orientation and scheduling meeting will be held at beginning of semester. Details posted outside of JMZ 3122.

FOLA138A (PermReq) Directed Study of a Foreign Language I: Hungarian I; Grade Method: REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA138D (PermReq) Directed Study of a Foreign Language I: Dutch I; Grade Method: REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA138F (PermReq) Directed Study of a Foreign Language I: Polish I; Grade Method: REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA138K (PermReq) Directed Study of a Foreign Language I: Persian I; Grade Method: REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 4117) Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA138P (PermReq) Directed Study of a Foreign Language I: Hindi I; Grade Method: REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA138R (PermReq) Directed Study of a Foreign Language I: Turkish I; Grade Method: REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA138S (PermReq) Directed Study of a Foreign Language I: Egyptian Arabic I; Grade Method: REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB MacBain,

FOLA138V (PermReq) Directed Study of a Foreign Language I: Armenian I; Grade Method: REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA139A (PermReq) Directed Study of a Foreign Language II: Elementary Hungarian II; Grade Method: REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged MacBain, W

FOLA139C (PermReq) Directed Study of a Foreign Language II: Elementary Modern Greek II; Grade Method: REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instruction Program. 3 credits
0101 Time and room to be arranged MacBain, W

FOLA139D (PermReq) Directed Study of a Foreign Language II: Elementary Dutch II; Grade Method: REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged MacBain, W

FOLA139K (PermReq) Directed Study of a Foreign Language II: Elementary Persian II; Grade Method: REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged MacBain, W

FOLA139P (PermReq) Directed Study of a Foreign Language II: Hindi II; Grade Method: REG/P-F/AUD. Prerequisite: FOLA 138P or consent of program director. All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122.Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged MacBain, W

FOLA139R (PermReq) Directed Study of a Foreign Language II: Elementary Turkish II; Grade Method: REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA139S (PermReq) Directed Study of a Foreign Language II: Egyptian Arabic II; Grade Method: REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged MacBain, W

FOLA148A (PermReq) Directed Study of a Foreign Language III: Hungarian III; Grade Method: REG/P-F/AUD. Prerequisite: FOLA 139A or FOLA 158A or consent of program director. All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA148C (PermReq) Directed Study of a Foreign Language III: Modern Greek III; Grade Method: REG/P-F/AUD. Prerequisite: FOLA 139C or FOLA 158C or consent of program director. All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory 3 credits

orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program.
0101 Time and room to be arranged LAB MacBain, W

FOLA148D (PermReq) Directed Study of a Foreign Language III: Dutch III; Grade Method: REG/P-F/AUD. Prerequisite: FOLA 139D or FOLA 158D or consent of program director. All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA148F (PermReq) Directed Study of a Foreign Language III: Polish III; Grade Method: REG/P-F/AUD. Prerequisite: FOLA 139F or FOLA 158F or consent of program director. All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA148K (PermReq) Directed Study of a Foreign Language III: Persian III; Grade Method: REG/P-F/AUD. Prerequisite: FOLA 139K or FOLA 158K or consent of program director. All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA148P (PermReq) Directed Study of a Foreign Language III: Hindi III; Grade Method: REG/P-F/AUD. Prerequisites: FOLA 139P or FOLA 158P or consent of program director. All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA148Q (PermReq) Directed Study of a Foreign Language III: Norwegian III; Grade Method: REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged MacBain, W

FOLA148R (PermReq) Directed Study of a Foreign Language III: Turkish III; Grade Method: REG/P-F/AUD. Prerequisite: FOLA 139R or FOLA 158R or consent of program director. All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA148S (PermReq) Directed Study of a Foreign Language III: Egyptian Arabic III; Grade Method: REG/P-F/AUD. Prerequisite: FOLA 139S or FOLA 158S or consent of program director. All students planning to take this course must complete application form (avaible in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outsied JMZ 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA149C (PermReq) Directed Study of a Foreign Language IV: Modern Greek IV; Grade Method: REG/P-F/AUD. Prerequisite: FOLA 148C or consent of program director. All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA149D (PermReq) Directed Study of a Foreign Language IV: Dutch IV; Grade Method: REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA149P (PermReq) Directed Study of a Foreign Language IV: Hindi IV; Grade Method: REG/P-F/AUD. Prerequisite: FOLA 148P or consent of program director. All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA158C (PermReq) Directed Study of a Foreign Language (Intensive) I: Elementary Greek (Intensive); Grade Method: REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 6 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA158F (PermReq) Directed Study of a Foreign Language (Intensive) I: Elementary Polish (Intensive); Grade Method: REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 6 credits
0101 Time and room to be arranged MacBain, W

FOLA158K (PermReq) Directed Study of a Foreign Language (Intensive) I: Elementary Persian (Intensive); Grade Method: REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 6 credits
0101 Time and room to be arranged MacBain, W

FOLA158P (PermReq) Directed Study of a Foreign Language (Intensive) I: Elementary Hindi (Intensive); Grade Method: REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 6 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA158S (PermReq) Directed Study of a Foreign Language (Intensive) I: Elementary Egyptian Arabic (Intensive); Grade Method: REG/P-F/AUD. 6 credits
0101 Time and room to be arranged MacBain, W

FOLA158V (PermReq) Directed Study of a Foreign Language (Intensive) I: Elementary Armenian (Intensive); Grade Method: REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. 6 credits
0101 Time and room to be arranged MacBain, W

FOLA158X (PermReq) Directed Study of a Foreign Language (Intensive) I: Elementary Urdu (Intensive); Grade Method: REG/P-F/AUD. Students may register for FOLA 158X or 158P, not both. All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 6 credits
0101 Time and room to be arranged MacBain, W

FOLA159C (PermReq) Directed Study of a Foreign Language (Intensive) II: Intermediate Greek; Grade Method: REG/P-F/AUD. Prerequiste: FOLA 158C or 139C or consent of program director. All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 6 credits
0101 Time and room to be arranged MacBain, W

FOLA159K (PermReq) Directed Study of a Foreign Language (Intensive) II: Intermediate Persian (Intensive); Grade Method: REG/P-F/AUD. 6 credits
0101 Time and room to be arranged MacBain, W

FOLA159P (PermReq) Directed Study of a Foreign Language (Intensive) II: Intermediate Hindi; Grade Method: REG/P-F/AUD. Prerequisite: FOLA 158P or 139P or consent of program director. All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 6 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA159X (PermReq) Directed Study of a Foreign Language (Intensive) II: Intermediate Urdu; Grade Method: REG/P-F/AUD. Prerequisite: FOLA 158X or 158P or 139P or consent of program director. All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 6 credits
0101 Time and room to be arranged MacBain, W

FOLA386 Field Work; Grade Method: REG/P-F/AUD. Corequisite: FOLA 387. 1-3 credits
0101 Time and room to be arranged MacBain, W

FOLA387 Field Work Analysis; Grade Method: REG/P-F/AUD. Corequisite: FOLA 386. 1-3 credits
0101 Time and room to be arranged MacBain, W

FOOD Food (Human Ecology)

FOOD110 Food for People; Grade Method: REG/P-F/AUD. USP Distributive Studies Area D Course. 3 credits
0101 MWF.....12:00pm-12:50pm (MMH 1400) Cook, P

FOOD240 (PermReq) Science of Food I; Grade Method: REG/P-F/AUD. Pre- or corequisite: CHEM 233 or CHEM 104. 3 credits
0101 TuTh.....10:00am-10:50am (ARM 0121) Curtis, S
Tu.....2:00pm- 5:00pm (MMH 3401) LAB
0102 TuTh.....10:00am-10:50am (ARM 0121) Curtis, S
W.....2:00pm- 5:00pm (MMH 3401) LAB

FOOD440 Advanced Food Science I; Grade Method: REG/P-F/AUD. Prerequisites: FOOD 250; and BCHM 261 or BCHM 461. 3 credits
0101 TuTh.....9:30am-10:45am (ARM 0102) Choi, Y

FOOD498M Selected Topics: Food Microbiology; Grade Method: REG/P-F/AUD. 2 credits
0101 Time and room to be arranged LAB Karahadian, C

FOOD640 Food Enzymes; Grade Method: REG/AUD. Prerequisite: FOOD 440 or equivalent. 3 credits
0101 TuTh.....2:00pm- 3:15pm (ARM 0121) Choi, Y

FOOD660 Research Methods; Grade Method: REG/AUD. Prerequisite: a statistics course. 3 credits
0101 TuTh.....5:00pm- 6:15pm (MMH 3418) Prather, M

FOOD678F Selected Topics in Foods: Food Flavors; Grade Method: REG/AUD. 3 credits
0101 MW.....4:00pm- 5:15pm (MMH 0108) Karahadian, C

FOOD688 Seminar: Seminar in Nutrition; Grade Method: REG/AUD. 1 credit
0101 Th.....4:00pm- 4:50pm (MMH 1304) Moser-Veillon,

FOOD789 Non-Thesis Research; Grade Method: S-F. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

FOOD799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

FOOD688 (PermReq) Doctoral Seminar; Grade Method: REG/AUD. 1 credit
0101 F.....2:00pm- 4:00pm (MMH 0108) Read, M

FOOD899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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FREN French (Arts and Humanities)

A booklet fully describing courses to be offered is available in the office of the Department of French and Italian, Room 3106 of the Juan Ramon Jimenez building.

FREN101 Elementary French; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Not open to students with 2 or more years of high-school level French. Limited to students according to conditions described in the "Foreign Language Placement" section in this schedule. 4 credits
0101 MTuWF.....8:00am- 8:50am (JMZ 0125) STAFF
Th.....8:00am- 8:50am (JMZ 1220) LAB
0201 MTuWF.....2:00pm- 2:50pm (JMZ 2120) STAFF
Th.....2:00pm- 2:50pm (JMZ 1220) LAB
0301 MWF.....11:00am-11:50am (JMZ 0125) STAFF
Tu.....11:00am-11:50am (JMZ 0125)
Th.....11:00am-11:50am (JMZ 1220) LAB
0401 MWF.....12:00pm-12:50pm (JMZ 0125) STAFF
Tu.....12:00pm-12:50pm (JMZ 0125)
Th.....12:00pm-12:50pm (JMZ 1220) LAB
0501 MWF.....1:00pm- 1:50pm (JMZ 0125) STAFF
Tu.....1:00pm- 1:50pm (JMZ 0125)
Th.....1:00pm- 1:50pm (JMZ 1220) LAB

FREN102 Elementary French; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Prerequisite: FREN 101 at UMCP or permission of department. 4 credits
0101 MWF.....9:00am- 9:50am (JMZ 2120) STAFF
Th.....9:00am- 9:50am (JMZ 0118)
Tu.....9:00am- 9:50am (JMZ 1220) LAB
0201 MWF.....10:00am-10:50am (JMZ 2120) STAFF
Th.....10:00am-10:50am (JMZ 0122)
Tu.....10:00am-10:50am (JMZ 1220) LAB
0301 MWThF.....11:00am-11:50am (JMZ 2120) STAFF
Tu.....11:00am-11:50am (JMZ 1220) LAB
0401 MWThF.....12:00pm-12:50pm (JMZ 2120) STAFF
Tu.....12:00pm-12:50pm (JMZ 1220) LAB

FREN103 Review of Elementary French; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Limited to students who have had at least two years of high-school French or equivalent or who do not qualify for FREN 203. Credit will be granted for only one of the following: FREN 101/ FREN 102 or FREN 103. Limited to students according to conditions described in the "Foreign Language Placement" section in this schedule. 4 credits
0101 MWF.....9:00am- 9:50am (JMZ 0103) STAFF
Tu.....9:00am- 9:50am (JMZ 1224)
0201 MWF.....10:00am-10:50am (JMZ 0103) STAFF
Tu.....10:00am-10:50am (JMZ 1224)
0301 MWF.....11:00am-11:50am (JMZ 0103) STAFF
Tu.....11:00am-11:50am (JMZ 0103)
0401 Tu.....12:00pm-12:50pm (JMZ 0103) STAFF
MWF.....12:00pm-12:50pm (HJP 1220)
0501 Tu.....1:00pm- 1:50pm (JMZ 2120) STAFF
MWF.....1:00pm- 1:50pm (JMZ 2120)

FREN203 Intermediate French; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Limited to students according to conditions described in the "Foreign Language Placement" section in this schedule. 4 credits
0101 MTuWF.....8:00am- 8:50am (JMZ 2120) STAFF
0201 MWF.....9:00am- 9:50am (JMZ 0122) STAFF
Tu.....9:00am- 9:50am (JMZ 0122)
0401 MTuWF.....10:00am-10:50am (JMZ 0122) STAFF
0501 MTuWF.....10:00am-10:50am (JMZ 0118) STAFF
0601 MTuWF.....11:00am-11:50am (JMZ 0122) STAFF
0701 MTuWF.....12:00pm-12:50pm (JMZ 0122) STAFF
0801 MTuWF.....1:00pm- 1:50pm (JMZ 0103) STAFF

FREN204 Review Grammar and Composition; Grade Method: REG/P-F/AUD. Prerequisite: FREN 203 or permission of department. 3 credits
0101 MWF.....8:00am- 8:50am (JMZ 2122) STAFF
0201 MWF.....9:00am- 9:50am (JMZ 2122) STAFF
0301 TuTh.....9:30am-10:45am (JMZ 2122) Verdaguer, P

FREN211 Intermediate Conversation; Grade Method: REG/P-F/AUD. Not open to native speakers. Prerequisite: FREN 203 or permission of department. 3 credits
0101 MWF.....9:00am- 9:50am (JMZ 2125) STAFF
0201 MWF.....11:00am-11:50am (JMZ 1211) STAFF
0301 TuTh.....9:30am-10:45am (JMZ 0103) STAFF

FREN240 Masterworks of French Literature in Translation; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. 3 credits
0101 MWF.....10:00am-10:50am (JMZ 0105) STAFF

FREN250 Readings in French; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C Course. Prerequisite: FREN 203 or equivalent. 3 credits
0101 TuTh.....9:30am-10:45am (JMZ 2123) STAFF
0201 TuTh.....11:00am-12:15pm (JMZ 3118) Verdaguer, P
0301 MWF.....9:00am- 9:50am (JMZ 3120) Yaramanoglu, N

FREN301 Composition and Style; Grade Method: REG/P-F/AUD. Prerequisite: FREN 204 or permission of department. 3 credits
0101 TuTh.....12:30pm- 1:45pm (JMZ 3120) Joseph, J

FREN302 Introduction to Translation; Grade Method: REG/P-F/AUD. Prerequisite: FREN 301 or permission of department. 3 credits
0101 MWF.....1:00pm- 1:50pm (JMZ 3120) Hage, M

FREN306 (PermReq) Commercial French I; Grade Method: REG/P-F/AUD. Prerequisite: FREN 301 or permission of department. 3 credits
0101 MWF.....9:00am- 9:50am (JMZ 2102) STAFF

FREN311 Advanced Comprehension and Expression in French; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Prerequisite: FREN 204 or permission of department. 3 credits
0101 TuTh.....11:00am-12:15pm (JMZ 2122) STAFF
0201 TuTh.....11:00am-12:15pm (JRN 1103) STAFF

FREN312 Introduction to French Civilization: The French Press; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Prerequisite: FREN 211 or permission of department. 3 credits
0101 MWF.....12:00pm-12:50pm (JMZ 2123) Brami, J

#FREN351 French Literature From the Revolution to the Present; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C Course. Prerequisite: FREN 204 or FREN 250 or permission of department. 3 credits
0101 MWF.....11:00am-11:50am (HBK 1108) Brami, J

#FREN351H French Literature From the Revolution to the Present; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C Course. Prerequisite: FREN 204 or FREN 250 or permission of department. Honors. 3 credits
0101 MWF.....11:00am-11:50am (HBK 1108) Brami, J

#FREN352 French Literature From the Middle Ages to the Revolution; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C Course. Prerequisite: FREN 204 or FREN 250 or permission of department. 3 credits
0101 MWF.....10:00am-10:50am (JMZ 3118) Fink, B

#FREN352H French Literature From the Middle Ages to the Revolution; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C Course. Prerequisite: FREN 204 or FREN 250 or permission of department. Honors. 3 credits
0101 MWF.....10:00am-10:50am (JMZ 3118) Fink, B

#FREN386 (PermReq) Field Work; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: FREN 387. 1-3 credits

#FREN387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: FREN 386. 1-3 credits

FREN398 (PermReq) Practicum in Spoken French; Grade Method: S-F. Individual Instruction course: contact department or instructor to obtain section number. Supervised conversation under professor of student's choice with consent of instructor. Contact department for details. Prerequisite: FREN 312 or permission of department chair. 1 credit

FREN399 (PermReq) Directed Study in French; Grade Method: S-F. Individual Instruction course: contact department or instructor to obtain section number. Supervised work under professor of student's choice with permission of instructor. Contact department for details. 1-3 credits

#FREN401 Stylistics; Grade Method: REG/P-F/AUD. Prerequisite: FREN 301 or permission of department. 3 credits
0101 MWF.....1:00pm- 1:50pm (JMZ 2123) Fink, B

#FREN404 Advanced Conversation in French; Grade Method: REG/P-F/AUD. Prerequisite: FREN 311 or FREN 312 or permission of department. 3 credits
0101 TuTh.....11:00am-12:15pm (JMZ 3120) STAFF

#FREN407 History of the French Language; Grade Method: REG/P-F/AUD. 3 credits
0101 Th.....5:00pm- 7:30pm (JMZ 3120) Joseph, J

#FREN419 Studies in Medieval French Literature: Medieval French; Grade Method: REG/P-F/AUD. 3 credits
0101 TuTh.....9:30am-10:45am (JMZ 3118) MacBain, W

#FREN459 Studies in 19th Century French Literature: 19th Century Novel; Grade Method: REG/P-F/AUD. 3 credits
0101 MWF.....10:00am-10:50am (JMZ 2125) Brami, J

#FREN459H Studies in 19th Century French Literature: 19th Century Novel; Grade Method: REG/P-F/AUD. 3 credits
0101 MWF.....10:00am-10:50am (JMZ 2125) Brami, J

FREN472 French Civilization II; Grade Method: REG/P-F/AUD. Credit will be granted for only one of the following: FREN 472 or FREN 370. 3 credits

ENROLLMENT IN ALL UNDERGRADUATE CVPT COURSES WILL GENERALLY BE LIMITED TO TWO

0101 MWF.....11:00am-11:50am (JMZ 3120) Therrien, M

FREN472H French Civilization II; Grade Method: REG/P-F/AUD. Credit will be granted for only one of the following: FREN 472 or FREN 370. — 3 credits
0101 MWF.....11:00am-11:50am (JMZ 3120) Therrien, M

FREN475 French Cinema: A Cultural Approach; Grade Method: REG/P-F/AUD. — 3 credits
0101 M.....12:00pm-12:50pm (JMZ 0205) Hage, M
WF.....12:00pm-12:50pm (JMZ 0103)

FREN479A Masterworks of French Literature in Translation: The Age of Anxiety - The Literature of Existentialism and the Absurd; Grade Method: REG/P-F/AUD. CORE Advanced Studies Social and Ethical Problems Course. USP Advanced Studies Analysis of Human Problems Course. — 3 credits
0101 MWF.....11:00am-11:50am (JMZ 2123) Tarica, R

FREN484H (PermReq) Honors Independent Study; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Open only to students admitted to the departmental honors program. — 3 credits

FREN495H (PermReq) Honors Thesis Research; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Open only to students admitted to the departmental honors program. — 3 credits

FREN499 (PermReq) Special Topics in French Studies; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

FREN601 The History of the French Language; Grade Method: REG/AUD. — 3 credits
0101 Th.....5:00pm- 7:30pm (JMZ 3120) Joseph, J

FREN603 Stylistics; Grade Method: REG/AUD. — 3 credits
0101 M.....2:00pm- 4:30pm (JMZ 2122) Hage, M

FREN639 Special Topic in Seventeenth Century French Literature: Le theatre Classique; Grade Method: REG/AUD. — 3 credits
0101 Th.....2:00pm- 4:30pm (JMZ 3120) MacBain, W

FREN649 Special Topic in Eighteenth Century French Literature: The Novel in 18th Century; Grade Method: REG/AUD. — 3 credits
0101 W.....2:00pm- 4:30pm (JMZ 3118) Therrien, M

FREN699 Seminar: From Knight to Honnete Homme; Grade Method: REG/AUD. — 3 credits
0101 Tu.....2:30pm- 5:00pm (JMZ 2125) Falvo, G

FREN709 College Teaching of French; Grade Method: S-F. — 1 credit
0101 W.....4:30pm- 5:30pm (JMZ 2120) Hage, M

FREN798 (PermReq) Master's Independent Study; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

FREN799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

FREN818 French Literary Criticism; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

FREN898 (PermReq) Doctoral Independent Study; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

FREN899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

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FSAD Foodservice Administration (Human Ecology)

FSAD300 Foodservice Organization and Management; Grade Method: REG/P-F/AUD. Prerequisite: permission of department. Offered fall semesters only. — 3 credits
0101 TuTh. ..2:00pm- 3:15pm (WDS 1127) Curtis, S

FSAD350 (PermReq) Foodservice Operations I; Grade Method: REG/P-F/AUD. Prerequisite: FOOD 250. Pre- or corequisites: FSAD 300; and NICB 200. — 5 credits
0101 MWF.....9:00am- 9:50am (MHH 3418) Noble, J
Tu.....8:00am- 1:00pm (MHH 3108) LAB
0102 MWF.....9:00am- 9:50am (MHH 3418) Noble, J
Th..... ..8:00am- 1:00pm (MHH 3108) LAB

FSAD450 Foodservice Equipment Planning; Grade Method: REG/P-F/AUD. Prerequisite: FSAD 350. — 3 credits
0101 TuTh.....1:00pm- 1:50pm (MHH 3418) Norton, V
W.....1:00pm- 4:00pm (MHH 3108) LAB

FSAD480 (PermReq) Practicum in Foodservice Administration; Grade Method: S-F. Prerequisites: FSAD 350 and permission of department. — 3 credits
0101 F.....2:00pm- 5:00pm (MHH 3418) Norton, V

FSAD490 (PermReq) Special Problems in Foodservice; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisites: senior standing, five hours in FSAD courses and permission of department. — 2-3 credits

FSAD498 (PermReq) Selected Topics; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

FSAD498C (PermReq) Selected Topics: Conference Center Foodservice; Grade Method: REG/P-F/AUD. — 3 credits
0101 MF.....11:00am-11:50am (MHH 3418) Noble, J
Time and room to be arranged LAB

FSAD498F (PermReq) Selected Topics: Conference Center Management; Grade Method: REG/P-F/AUD. — 3 credits
0101 Time and room to be arranged Noble, J
Time and room to be arranged LAB

FSAD610 Readings in Food Administration; Grade Method: REG/AUD. — 3 credits
0101 W.....5:30pm- 8:15pm (MHH 3418) Noble, J

FSAD615 Education and Training Methods for the Health Care Industry; Grade Method: REG/AUD. Prerequisite: permission of department. — 3 credits
0101 Tu.....6:30pm- 9:15pm (MHH 3418) Norton, V

FSAD660 Research Methods; Grade Method: REG/AUD. Prerequisite: a statistics course. — 3 credits
0101 TuTh.....5:00pm- 6:15pm (MHH 3418) Prather, M

FSAD675 (PermReq) Advanced Administrative Dietetics; Grade Method: REG/AUD. Prerequisite: permission of department. Open to Walter Reed dietetic interns only. — 3 credits
0101 Time and room to be arranged Norton, V

FSAD678A (PermReq) Selected Topics in Foodservice Administration: Individual Study; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

FSAD688 Seminar: Seminar in Nutrition; Grade Method: REG/AUD. — 1 credit
0101 Th.....4:00pm- 4:50pm (MHH 1304) Moser-Veillon,

FSAD789 Non-Thesis Research; Grade Method: S-F. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

FSAD799 Master's Thesis Research; Grade Method: (PermReq) REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

FSAD898 (PermReq) Doctoral Seminar; Grade Method: REG/AUD. — 1 credit
0101 F.....2:00pm- 4:00pm (MHH 0108) Read, M

FSAD899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

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GEOG Geography (Behavior & Social Sci)

GEOG100 Introduction to Geography; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D Course. — 3 credits
0101 MW.....10:00am-10:50am (LEF 2205) Cirrincione, J
Th.....10:00am-10:50am (EGR 2112) DIS
0102 MW.....10:00am-10:50am (LEF 2205) Cirrincione, J
Th.....11:00am-11:50am (LEF 1208) DIS
0103 MW.....10:00am-10:50am (LEF 2205) Cirrincione, J
F.....9:00am- 9:50am (LEF 1221) DIS
0104 MW.....10:00am-10:50am (LEF 2205) Cirrincione, J
F.....10:00am-10:50am (LEF 2205) DIS
0105 MW.....10:00am-10:50am (LEF 2205) Cirrincione, J
F.....12:00pm-12:50pm (DNC 1143) DIS
0201 MW.....11:00am-11:50am (LEF 2205) Cirrincione, J
Th.....10:00am-10:50am (PHY 4208) DIS
0202 MW.....11:00am-11:50am (LEF 2205) Cirrincione, J
Th.....11:00am-11:50am (JMZ 0125) DIS
0203 MW.....11:00am-11:50am (LEF 2205) Cirrincione, J
F.....9:00am- 9:50am (DNC 1139B) DIS
0204 MW.....11:00am-11:50am (LEF 2205) Cirrincione, J
F.....10:00am-10:50am (DNC 1139B) DIS
0205 MW.....11:00am-11:50am (LEF 2205) Cirrincione, J
F.....11:00am-11:50am (LEF 2205) DIS

GEOG201 Geography of Environmental Systems; Grade Method: REG/P-F/AUD. CORE Distributive Studies Physical Science Laboratory Course only when taken concurrently with GEOG 211. USP Distributive Studies Area B Course. If taken with GEOG 211, course may be counted as USP Area B lab science requirement. — 3 credits
0101 MWF.....11:00am-11:50am (JMZ 0105) Dubayah, R

GEOG202 The World in Cultural Perspective; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area A Course. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (TYD 1102) Fonaroff, L
Th.....12:30pm- 1:45pm (JMZ 0103) DIS

GEOG203 Economic Geography; Grade Method: REG/P-F/AUD. USP Distributive Studies Area D Course. — 3 credits
0101 TuTh.....9:30am-10:45am (LEF 2205) Brodsky, H

GEOG211 Geography of Environmental Systems Laboratory; Grade Method: REG/P-F/AUD. Pre- or corequisite: GEOG 201 or GEOL 100 or GEOL 120. CORE Distributive Studies Physical Science Laboratory Course only when taken concurrently with GEOG 201. This is a 2 hr, 1 credit lab which parallels GEOG 201; Required for GEOG majors; optional for non-majors. — 1 credit
0101 M.....9:00am-11:00am (LEF 1138) LAB Dubayah, R
0201 F.....9:00am-11:00am (LEF 1138) LAB Dubayah, R
0301 W.....1:00pm- 3:00pm (LEF 1179) LAB Dubayah, R

GEOG305 Quantitative Methods in Geography; Grade Method: REG/P-F/AUD. — 3 credits
0101 MWF.....1:00pm- 1:50pm (TYD 1101) Brodsky, H

GEOG310 Research and Writing in Geography; Grade Method: REG. Prerequisite: GEOG 305. — 3 credits
0101 Tu.....2:00pm- 4:30pm (LEF 1210) Mitchell, R

GEOG321 Maryland and Adjacent Areas; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. — 3 credits
0101 Th.....4:00pm- 6:30pm (SHM 2102) Fonaroff, L

GEOG322 Central America, the Caribbean and Mexico; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....11:00am-12:15pm (LEF 2208) Chaves, A

GEOG340 Geomorphology; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (LEF 1221) Kearney, M

GEOG345 Climatology; Grade Method: REG/P-F/AUD. — 3 credits
0101 MWF.....2:00pm- 2:50pm (LEF 1201) Dubayah, R

GEOG350 The American City: Past and Present; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....9:30am-10:45am (LEF 1221) Groves, P

GEOG370 Principles of Cartography; Grade Method: REG/AUD. — 3 credits
0101 M.....4:30pm- 7:00pm (LEF 1138) Frieswyk, H
Time and room to be arranged LAB

GEOG372 Remote Sensing; Grade Method: REG/P-F/AUD. — 3 credits
0101 M.....12:00pm- 2:00pm (LEF 1220) Prince, S
W.....12:00pm- 2:00pm (LEF 1138) LAB
0201 M.....12:00pm- 2:00pm (LEF 1220) Prince, S
F.....12:00pm- 2:00pm (LEF 1138) LAB

GEOG373 Computer Mapping; Grade Method: REG/P-F/AUD. Prerequisite: GEOG 370 or CMSC 110 or permission of department. — 3 credits
0101 MW.....3:00pm- 4:30pm (LEF 2208) Thompson, D

GEOG384 (PermReq) Internship in Geography; Grade Method: REG/P-F. Prerequisite: GEOG 305; and GEOG 310; and permission of department. Corequisite: GEOG 385. — 3 credits
0101 Time and room to be arranged Cirrincione, J

GEOG385 (PermReq) Internship Research Paper; Grade Method: REG/P-F/AUD. Prerequisite: GEOG 305; and GEOG 310; and permission of department. Corequisite: GEOG 384. — 3 credits
0101 Time and room to be arranged Cirrincione, J

GEOG398 (PermReq) Honors Research; Grade Method: REG/P-F/AUD. — 3 credits
0101 Time and room to be arranged Fonaroff, L

GEOG399 (PermReq) Honors Thesis; Grade Method: REG/P-F/AUD. Prerequisite: GEOG 398. — 3 credits
0101 Time and room to be arranged Fonaroff, L

GEOG410 Colonial North America; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....11:00am-12:15pm (LEF 1220) Mitchell, R

GEOG440 Process Geomorphology; Grade Method: REG/AUD. Prerequisite: GEOG 340 or GEOL 340 or permission of department. — 3 credits
0101 M.....4:00pm- 6:30pm (LEF 1179) Leatherman, S

GEOG441 Geomorphological Environments; Grade Method: REG/P-F/AUD. Prerequisite: GEOG 201 or GEOL 100 or permission of department. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (LEF 1210) Kearney, M

GEOG442 (PermReq) Urban Climates; Grade Method: REG/P-F/AUD. Prerequisite: GEOG 345 or GEOG 347 or METO 301 or permission of department. — 3 credits
0101 W.....7:00pm- 9:30pm (JMZ 0120) Ernst, J

GEOG454 Washington, D.C.: Past and Present; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (LEF 1221) Groves, P

GEOG456 The Social Geography of Metropolitan Areas; Grade Method: REG/P-F/AUD. CORE Advanced Studies Social and Ethical Problems Course. USP Advanced Studies Analysis of Human Problems Course. — 3 credits
0101 M.....7:00pm- 9:30pm (LEF 1179) Christian, C

GEOG480 Advanced Remote Sensing; Grade Method: REG/P-F/AUD. CORE Advanced Studies Development of Knowledge Course. Prerequisite: GEOG 372 or introductory remote sensing course in another department. — 3 credits
0101 W.....4:30pm- 7:00pm (LEF 1221) Goward, S

GEOG482 Geographic Information Systems; Grade Method: REG/P-F/AUD. Prerequisite: GEOG 373 or permission of department. — 3 credits
0101 Tu.....4:00pm- 7:00pm (LEF 1208) Thompson, D

GEOG483 Survey of Computer Facilities for Geography and Urban Studies; Grade Method: REG/P-F/AUD. — 1 credit
0101 Th.....3:00pm- 4:15pm (LEF 0227) Eney, A

GEOG498 (PermReq) Topical Investigations: Selected Topics; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Restricted to advanced undergraduate students with credit for at least 24 hours in geography and to graduate students. Any exceptions should have approval of department. Repeatable to 6 credits if content differs. — 1-3 credits

GEOG498B Topical Investigations: Biogeography; Grade Method: REG/P-F/AUD. — 3 credits
0101 Tu.....4:00pm- 6:30pm (LEF 2208) Prince, S

GEOG600 Introduction to Graduate Study in Geography; Grade Method: REG/AUD. — 3 credits
0101 Th.....4:30pm- 7:00pm (LEF 1179) Townshend, J

GEOG605 (PermReq) Quantitative Spatial Analysis; Grade Method: REG/AUD. Prerequisite: GEOG 305; and GEOG 483, or permission of department. — 3 credits
0101 F.....2:00pm- 4:30pm (LEF 1221) Brodsky, H

GEOG618S Seminar in Geomorphology: Applied Coastal Geomorphology; Grade Method: REG/AUD. — 3 credits
0101 Tu.....7:00pm- 9:30pm (LEF 1179) Nicholls, R

GEOG788 (PermReq) Selected Topics in Geography; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. Repeatable to 6 credits if content differs. — 1-3 credits

GEOG789 (PermReq) Independent Readings; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Repeatable to 6 credits if content differs. — 1-3 credits

GEOG790 Internship in Geography; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

GEOG798 (PermReq) Independent Study; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Only open to students in the non-thesis M.A. option. — 1-6 credits

GEOG799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

GEOG899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

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GEOL Geology (Comp, Math, & Phys Sci)

GEOL100 Physical Geology; Grade Method: REG/P-F/AUD. Credit will be granted for only one of the following: GEOL 100 or GEOL 101. CORE Distributive Studies Physical Science Laboratory Course only when taken concurrently with GEOL 110. USP Distributive Studies Area B Course. If taken with GEOL 110, course can be counted as USP Area B lab science requirement. — 3 credits
0101 TuTh.....9:30am-10:45am (HJP 0226) Wylie, A
0201 MWF.....1:00pm- 1:50pm (HJP 0226) Krogstad, E
0301 TuTh.....12:30pm- 1:45pm (HJP 0226) McLellan, E

GEOL110 Physical Geology Laboratory; Grade Method: REG/P-F. Pre- or corequisite: GEOL 100 or GEOL 101. CORE Distributive Studies Physical Science Laboratory Course only when taken concurrently with GEOL 100. — 1 credit
0101 M.....9:00am-12:00pm (GEO 2106) LAB STAFF
0102 M.....2:00pm- 5:00pm (GEO 2106) LAB STAFF
0103 Tu.....12:00pm- 3:00pm (GEO 2106) LAB STAFF
0104 Tu.....3:00pm- 6:00pm (GEO 2106) LAB STAFF
0105 Tu.....6:00pm- 9:00pm (GEO 2106) LAB STAFF
0106 W.....9:00am-12:00pm (GEO 2106) LAB STAFF
0107 W.....1:00pm- 4:00pm (GEO 2106) LAB STAFF
0108 Th.....3:00pm- 6:00pm (GEO 2106) LAB STAFF
0109 Tu.....9:00am-12:00pm (GEO 2106) LAB STAFF
0110 Th.....9:00am-12:00pm (GEO 2106) LAB STAFF

GEOL120 Environmental Geology; Grade Method: REG/P-F/AUD. CORE Distributive Studies Physical Science Course. USP Distributive Studies Area B Course. — 3 credits
0101 MWF.....10:00am-10:50am (SYM 0200) Segovia, A
0102 TuTh.....11:00am-12:15pm (CHM 0115) Segovia, A

GEOL322 Mineralogy; Grade Method: REG. Prerequisite: GEOL 110 and CHEM 103. — 4 credits
0101 TuTh.....8:00am- 9:15am (HBK 0117) Chang, L
Tu.....9:30am-12:30pm (GEO 2107) LAB

GEOL331 Invertebrate Paleontology; Grade Method: REG/P-F. Prerequisite: GEOL 102. — 4 credits
0101 MWF.....9:00am- 9:50am (HBK 0125) Stifel, P
M.....2:00pm- 5:00pm (GEO 2107) LAB

GEOL340 Geomorphology; Grade Method: REG. Two Saturday field trips. Prerequisites: GEOL 101 or [GEOL 100 and GEOL 110]. — 4 credits
0101 MWF.....1:00pm- 1:50pm (HBK 0109) Ridky, R
W.....2:00pm- 5:00pm (GEO 2107) LAB
0102 MWF.....1:00pm- 1:50pm (HBK 0109) Ridky, R
M.....2:00pm- 5:00pm (GEO 2117) LAB

GEOL341 Structural Geology; Grade Method: REG. Prerequisite: GEOL 102 or permission of department. — 4 credits
0101 TuTh.....3:30pm- 4:45pm (HBK 0117) McLellan, E
W.....2:00pm- 5:00pm (GEO 2117) LAB

GEOL393 Technical Writing for Geoscientists; Grade Method: REG/P-F/AUD. Prerequisites: ENGL 101 and completion of any two of the following and concurrent registration in the third: GEOL 341, GEOL 331 and GEOL 322. For GEOL majors only. — 3 credits
0101 Time and room to be arranged Stifel, P

GEOL394 Research Problems in Geology; Grade Method: REG/P-F/AUD. Prerequisite: GEOL 393. — 3 credits
0101 Time and room to be arranged Stifel, P

GEOL434 (PermReq) Micropaleontology; Grade Method: REG. Prerequisite: GEOL 331. — 3 credits
0101 MW.....11:00am-12:00pm (GEO 2117) Stifel, P
MW.....12:00pm- 2:00pm (GEO 2117) LAB

GEOL499 (PermReq) Special Problems in Geology; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

GEOL499W Special Problems in Geology: Watershed and Wetland Hydrology; Grade Method: REG. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (CHM 0115) Prestegaard, K

GEOL614 Thermodynamics of Geological Processes; Grade Method: REG. Prerequisites: MATH 141; and CHEM 113; and GEOL 322; and PHYS 142. — 3 credits
0101 Time and room to be arranged Candela, P

GEOL621 Mineralogy of Ore-Forming Sulfides; Grade Method: REG/AUD. Prerequisite: GEOL 322 or equivalent. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (GEO 1120) Chang, L

GEOL623 (PermReq) Ore Microscopy; Grade Method: REG. Prerequisite: GEOL 423. Pre- or corequisite: GEOL 653. — 3 credits
0101 Th.....2:00pm- 5:00pm (GEO 1120) Wylie, A

GEOL634 (PermReq) Micropaleontology; Grade Method: REG. Prerequisite: GEOL 431. — 3 credits
0101 MW.....11:00am-12:00pm (GEO 1120) Stifel, P
MW.....12:00pm- 2:00pm (GEO 2117) LAB

GEOL789I Recent Advances in Geology: Isotopes in Geology; Grade Method: REG. — 3 credits
0101 W.....8:30am-10:00am (GEO 2107) Walker, R
F.....8:30am-10:00am (GEO 2107)

ENROLLMENT IN ALL UNDERGRADUATE GVPT COURSES WILL GENERALLY BE LIMITED TO TWO COURSES. THIS LIMITATION WILL NOT APPLY TO STUDENTS WHOSE CUMULATIVE CREDITS TOTAL 102 OR MORE BY THE END OF THE SPRING 1991 SEMESTER. REQUESTS TO REGISTER FOR MORE THAN TWO GVPT COURSES MUST BE APPROVED BY THE DEPARTMENT OF GOVERNMENT AND POLITICS.

GEOL789W Recent Advances in Geology: Advanced Watershed and Wetland Hydrology; Grade Method: REG. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (CHM 0115) Prestegaard, K

GEOL798 (PermReq) Seminar in Geology; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1 credit

GEOL799 Master's Thesis Research; Grade Method REG. Individual Instruction course: contact department or instructor to obtain section number. — 1- redits

GEOL899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

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GERM German (Arts and Humanities)

GERM101 Elementary German I; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Formerly GERM 111. — 4 credits
0101 MTuWF.....8:00am- 8:50am (JMZ 3205) STAFF
0201 MTuWF.....9:00am- 9:50am (JMZ 0204) STAFF
0301 MTuWF.....10:00am-10:50am (JMZ 0204) STAFF
0401 MTuWF.....11:00am-11:50am (JMZ 0204) STAFF
0501 MTuWF.....12:00pm-12:50pm (JMZ 0204) STAFF
0601 MTuWF.....1:00pm- 1:50pm (JMZ 0204) STAFF
0701 MTuWF.....2:00pm- 2:50pm (JMZ 0204) STAFF

GERM102 Elementary German II; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Prerequisite: GERM 101 or equivalent. Formerly GERM 112. — 4 credits
0101 MWThF.....8:00am- 8:50am (JMZ 0204) STAFF
0201 MWF.....9:00am- 9:50am (JMZ 3205) STAFF
Th.....9:00am- 9:50am (JMZ 0204)
0301 MWF.....10:00am-10:50am (JMZ 1122) STAFF
Th.....10:00am-10:50am (JMZ 0204)
0401 MWF.....11:00am-11:50am (JMZ 1122) STAFF
Th.....11:00am-11:50am (JMZ 0204)
0501 MWF.....12:00pm-12:50pm (JMZ 1122) STAFF
Th.....12:00pm-12:50pm (JMZ 1117)

GERM103 Review of Elementary German; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Prerequisite: assignment either by placement examination or by the undergraduate director (Germanic Section). — 4 credits
0201 MWF.....11:00am-11:50am (HZF 1108) STAFF
Tu.....11:00am-11:50am (JMZ 1224)

GERM148D Germanic Languages - Elementary I: Elementary Danish I; Grade Method: REG/P-F/AUD. — 3 credits
0101 MWF.....9:00am- 9:50am (JMZ 3203) Greene-Gantzber

GERM148Y Germanic Languages - Elementary I: Elementary Yiddish I; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....11:00am-12:15pm (JMZ 1122) Bilik, D

GERM201 Intermediate German; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Prerequisite: GERM 102. Recommended: GERM 211. Formerly GERM 104. — 4 credits
0101 MWF.....9:00am- 9:50am (JMZ 2206) STAFF
Th.....9:00am- 9:50am (JMZ 0122)
0201 MWF.....10:00am-10:50am (JMZ 2123) STAFF
Th.....10:00am-10:50am (JMZ 0118)
0301 MWF.....11:00am-11:50am (HZF 1101) STAFF
Th.....11:00am-11:50am (HZF 1102)
0401 MWF.....1:00pm- 1:50pm (JMZ 1120) STAFF
Th.....1:00pm- 1:50pm (JMZ 0204)

GERM201H Intermediate German; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Prerequisite: GERM 102. Recommended: GERM 211. Formerly GERM 104. — 4 credits
0101 MWF.....12:00pm-12:50pm (JMZ 3120) STAFF
Tu.....12:00pm-12:50pm (JMZ 2123)

GERM211 Intermediate German Conversation; Grade Method: REG/P-F/AUD. Prerequisite: GERM 102 or GERM 103. Recommended: GERM 104 (concurrently). Not open to students who have completed GERM 302. — 3 credits
0101 MWF.....10:00am-10:50am (HZF 1102) Strauch, G
0201 MWF.....12:00pm-12:50pm (HZF 1102) Fagan, S

GERM220 Introduction to German Literature; Grade Method: REG/P-F/AUD. USP Distributive Studies Area C Course. Prerequisite: GERM 114 or equivalent. May be taken concurrently with GERM 115. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (JMZ 3205) Beicken, P

GERM220H Introduction to German Literature; Grade Method: REG/P-F/AUD. USP Distributive Studies Area C Course. Prerequisite: GERM 114 or equivalent. May be taken concurrently with GERM 115. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (JMZ 3205) Beicken, P

GERM248S Germanic Languages Intermediate - I: Intermediate Swedish I; Grade Method: REG/P-F/AUD. Prerequisite: GERM 149S or permission of instructor. — 3 credits
0101 MWF.....11:00am-11:50am (COL 3111) Oster, R

GERM248Y Germanic Languages Intermediate - I: Intermediate Yiddish I; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (JMZ 2125) Bilik, D

GERM280 German-American Cultural Contrast; Grade Method: REG/P-F/AUD. CORE Distributive Studies Humanities Course. USP Distributive Studies Area A Course. — 3 credits
0101 MWF.....10:00am-10:50am (MCB 1207) Pfister, G

GERM281 Women in German Literature and Society; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area A Course. — 3 credits
0101 MWF.....12:00pm-12:50pm (JMZ 3203) Frederiksen, E

GERM282 Germanic Mythology; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area A Course. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (JMZ 0105) Fleck, J

GERM301 Conversation and Composition I; Grade Method: REG/P-F/AUD. Prerequisite: GERM 115 or equivalent. — 3 credits
0101 MWF.....11:00am-11:50am (JMZ 3203) Frederiksen, E
0201 MWF.....12:00pm-12:50pm (HZF 1106) Fagan, S

GERM302 Conversation and Composition II; Grade Method: REG/P-F/AUD. Prerequisite: GERM 301 or equivalent. — 3 credits
0101 MWF.....11:00am-11:50am (JMZ 3205) Strauch, G

GERM321 Highlights of German Literature I; Grade Method: REG/P-F/AUD. Prerequisite: GERM 220 or equivalent. — 3 credits
0101 MWF.....1:00pm- 1:50pm (JMZ 3203) Strauch, G

GERM349M Germanic Literatures in Translation: Masterworks of Yiddish Literature; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. CORE Distributive Studies Cultural Diversity Course. — 3 credits
0101 TuTh.....3:00pm- 4:15pm (JMZ 0204) Bilik, D

GERM360D Scandinavian Civilization: History of Dano-Norwegian Literature; Grade Method: REG/P-F/AUD. — 3 credits
0101 MWF.....10:00am-10:50am (JMZ 3203) Greene-Gantzber

GERM368H Scandinavian Civilization: History of Dano-Norwegian Literature; Grade Method: REG/P-F/AUD. — 3 credits
0101 MWF.....10:00am-10:50am (JMZ 3203) Greene-Gantzber

GERM369M Scandinavian Literature in Translation: Masterpieces of Swedish Literature; Grade Method: REG/P-F/AUD. — 3 credits
0101 W.....2:00pm- 4:30pm (JMZ 0122) Oster, R

GERM381 German Civilization I; Grade Method: REG/P-F/AUD. CORE Advanced Studies Development of Knowledge Course. USP Distributive Studies Area A Course. — 3 credits
0101 MWF.....2:00pm- 2:50pm (JMZ 3205) Richter, S

GERM384 Germanic Chivalric Culture; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area A Course. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (JMZ 2206) Fleck, J

GERM389R Topics in Germanic Culture: Reason and Faith; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (JMZ 3203) Best, O

GERM397H (PermReq) Honors Reading (Independent Study); Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Students must have instructor's permission before registering. — 3 credits

GERM401 Advanced Conversation; Grade Method: REG/P-F/AUD. Prerequisite: GERM 302 or equivalent. — 3 credits
0101 TuTh.....11:00am-12:15pm (JMZ 3205) Beicken, P

GERM403 Advanced Composition; Grade Method: REG/P-F/AUD. Prerequisite: GERM 302 or equivalent. — 3 credits
0101 MWF.....12:00pm-12:50pm (JMZ 3205) Greene-Gantzber

GERM403H Advanced Composition; Grade Method: REG/P-F/AUD. Prerequisite: GERM 302 or equivalent. — 3 credits
0101 MWF.....12:00pm-12:50pm (JMZ 3205) Greene-Gantzber

GERM423 From Enlightenment through Storm and Stress; Grade Method: REG/P-F/AUD. Prerequisite: GERM 321 and GERM 322, or permission of department. — 3 credits
0101 MWF.....1:00pm- 1:50pm (JMZ 3205) Richter, S

GERM423H From Enlightenment through Storm and Stress; Grade Method: REG/P-F/AUD. Prerequisite: GERM 321 and GERM 322, or permission of department. — 3 credits
0101 MWF.....1:00pm- 1:50pm (JMZ 3205) Richter, S

GERM434 Expressionism to 1945; Grade Method: REG/P-F/AUD. Prerequisite: GERM 321 and GERM 322, or permission of department. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (JMZ 3203) Best, O

GERM476 Sanskrit I; Grade Method: REG/AUD. A second semester of Sanskrit (GERM 477) will be offered in Spring 1992. — 3 credits
0101 TuTh.....3:30pm- 4:45pm (JMZ 3205) Fleck, J

GERM499 (PermReq) Directed Study; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

GERM618 College Teaching of German; Grade Method: REG. — 1 credit
0101 Time and room to be arranged Pfister, G

GERM620 Methods of German Literary Studies I: Theory; Grade Method: REG. — 3 credits
0101 Th.....5:00pm- 7:30pm (JMZ 3205) Beicken, P

GERM634 German Drama; Grade Method: REG/AUD. — 3 credits
0101 W.....5:00pm- 7:30pm (JMZ 3207) Richter, S

GERM671 Gothic, Old High German, Middle High German I; Grade Method: REG. — 3 credits
0101 M.....2:00pm- 4:30pm (JMZ 3203) Oster, R

GERM689P Special Topics - M.A. Level: German Phonetics; Grade Method: REG/AUD. — 3 credits
0101 WF.....2:00pm- 3:15pm (JMZ 1104) Fagan, S

GERM798 (PermReq) Master's Independent Study; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

0101: Beicken, Peter 0201: Best, Otto 0301: Bilik, Dorothy 0401: Fagan, Sarah 0501: Fleck, Jere 0601: Frederiksen, Elke 0701: Greene-Gantzberg,Vivian 0801: Oster, Rose-Marie 0901: Pfister, Guenter 1001: Strauch, Gabraele

GERM799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

GERM829 Seminar: The 19th Century: Heinrich Heine: German,Jewish and in Exile; Grade Method: REG/AUD. — 3 credits
0101 M.....5:00pm- 7:40pm (JMZ 3207) Frederiksen, E

GERM889 Seminar in Germanic Area Studies: Adel und Buergertum-Elemente der Deutschen Kultur; Grade Method: REG/AUD. Course will be team taught by Dr. Best and Dr. Pfister. — 3 credits
0101 Tu.....5:00pm- 7:30pm (JMZ 3207) Pfister, G

GERM898 (PermReq) Doctoral Independent Study; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

GERM899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

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GNED General Education (Undergraduate Studies)

GNED100 The Anatomy of Knowing: The University and Its Curriculum; Grade Method: REG/P-F/AUD. Open to students with freshman and sophomore standing. — 3 credits
0101 MWF.....9:00am- 9:50am (ARM 0112) McIntire, R
0201 MWF.....10:00am-10:50am (ARM 0112) McIntire, R

GREK Greek (Arts and Humanities)

GREK101 Elementary Greek; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. A student who has had two units of Greek in high school may register for GREK 101 for purposes of review but not for credit. Classical and New Testament Greek. For Modern Greek, see FOLA 108G - a regular instruction course meeting 3 times a week. — 3 credits
0101 MWF.....11:00am-11:50am (HJP 1229) Stehle, E

GREK203 Intermediate Greek (Grammar and Reading); Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Prerequisites: GREK 101; and GREK 102 or equivalent. — 3 credits
0101 MWF.....10:00am-10:50am (JMZ 1123) Lee, H

GREK403 Greek Tragedy; Grade Method: REG/P-F/AUD. — 3 credits
0101 M.....6:00pm- 8:40pm (JMZ 1122) Doherty, L

GREK488 Greek Readings: Greek Readings; Grade Method: REG/P-F/AUD. — 3 credits
0101 Time and room to be arranged STAFF

GREK499 (PermReq) Independent Study in Greek Language and Literature; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

GREK603 Greek Tragedy; Grade Method: REG/AUD. — 3 credits
0101 M.....6:00pm- 8:40pm (JMZ 1122) Doherty, L

GREK688 Special Topics in Greek Literature; Grade Method: REG/AUD. — 3 credits
0101 Time and room to be arranged STAFF

GREK699 (PermReq) Independent Study in Greek Literature: Greek Literature; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

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GVPT Government and Politics (Behavior & Social Sci)

GVPT100 Principles of Government and Politics; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D Course. — 3 credits
0101 TuTh.....8:00am- 9:15am (LEF 2166) Glendening, P
0201 TuTh.....11:00am-11:50am (LEF 2205) Oppenheimer, J
Th.....2:00pm- 2:50pm (EGR 1108) DIS
0202 TuTh.....11:00am-11:50am (LEF 2205) Oppenheimer, J
Th.....12:00pm-12:50pm (JMZ 2123) DIS
0203 TuTh.....11:00am-11:50am (LEF 2205) Oppenheimer, J
Th.....12:00pm-12:50pm (LEF 1208) DIS
0204 TuTh.....11:00am-11:50am (LEF 2205) Oppenheimer, J
F.....10:00am-10:50am (SCP 1120) DIS
0205 TuTh.....11:00am-11:50am (LEF 2205) Oppenheimer, J
F.....9:00am- 9:50am (KEY 0120) DIS
0206 TuTh.....11:00am-11:50am (LEF 2205) Oppenheimer, J
Th.....2:00pm- 2:50pm (EGR 1104) DIS
0207 TuTh.....11:00am-11:50am (LEF 2205) Oppenheimer, J
Th.....3:00pm- 3:50pm (SYM 1308) DIS
0208 TuTh.....11:00am-11:50am (LEF 2205) Oppenheimer, J
Th.....4:00pm- 4:50pm (ARM 0121) DIS
0301 MWF.....9:00am- 9:50am (LEF 1220) Majumdar, M
0401 MWF.....11:00am-11:50am (LEF 1222) Majumdar, M

GVPT100H Principles of Government and Politics; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D Course. Limited to prospective general and government honors students. — 3 credits
0101 Tu.....12:30pm- 3:15pm (LEF 2207) Elkin, S
0201 Th.....12:30pm- 3:15pm (LEF 2207) Elkin, S

GVPT170 American Government; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D Course. — 3 credits
0101 TuTh.....2:00pm- 2:50pm (LEF 2205) Marando, V
Th.....3:00pm- 3:50pm (TWS 0135) DIS
0102 TuTh.....2:00pm- 2:50pm (LEF 2205) Marando, V
Th.....4:00pm- 4:50pm (SCP 1105) DIS
0103 TuTh.....2:00pm- 2:50pm (LEF 2205) Marando, V
Th.....3:00pm- 3:50pm (EGR 1108) DIS
0104 TuTh.....2:00pm- 2:50pm (LEF 2205) Marando, V
Th.....4:00pm- 4:50pm (TYD 1106) DIS
0105 TuTh.....2:00pm- 2:50pm (LEF 2205) Marando, V
F.....10:00am-10:50am (LEF 1221) DIS
0106 TuTh.....2:00pm- 2:50pm (LEF 2205) Marando, V
F.....11:00am-11:50am (PHY 4220) DIS
0107 TuTh.....2:00pm- 2:50pm (LEF 2205) Marando, V
F.....9:00am- 9:50am (HZF 1101) DIS
0108 TuTh.....2:00pm- 2:50pm (LEF 2205) Marando, V
F.....10:00am-10:50am (TYD 1114) DIS
0201 TuTh.....12:00pm-12:50pm (LEF 2205) Vietri, L
Tu.....2:00pm- 2:50pm (DNC 1147A) DIS
0202 TuTh.....12:00pm-12:50pm (LEF 2205) Vietri, L
Tu.....4:00pm- 4:50pm (HZF 1101) DIS
0203 TuTh.....12:00pm-12:50pm (LEF 2205) Vietri, L
Tu.....1:00pm- 1:50pm (ARC 1101) DIS
0204 TuTh.....12:00pm-12:50pm (LEF 2205) Vietri, L
W.....12:00pm-12:50pm (LEF 1220) DIS
0205 TuTh.....12:00pm-12:50pm (LEF 2205) Vietri, L
W.....1:00pm- 1:50pm (LEF 1220) DIS
0206 TuTh.....12:00pm-12:50pm (LEF 2205) Vietri, L
Tu.....2:00pm- 2:50pm (ARC 1123) DIS
0207 TuTh.....12:00pm-12:50pm (LEF 2205) Vietri, L
W.....3:00pm- 3:50pm (TYD 1114) DIS
0208 TuTh.....12:00pm-12:50pm (LEF 2205) Vietri, L
W.....2:00pm- 2:50pm (TYD 0111) DIS
0301 MWF.....9:00am- 9:50am (LEF 1222) Johnson, V
0401 MWF.....12:00pm-12:50pm (LEF 1222) Johnson, V
0501 MWF.....1:00pm- 1:50pm (LEF 1222) Tennant, R
0601 MWF.....2:00pm- 2:50pm (LEF 1220) Tennant, R
0701 TuTh.....12:30pm- 1:45pm (LEF 1222) Audley, J
0801 TuTh.....9:30am-10:45am (LEF 1222) Audley, J

GVPT200 International Political Relations; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. Prerequisite: GVPT 100. Formerly GVPT 300. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (ARC 0204) Haufler, V
Tu.....2:00pm- 2:50pm (DNC 1139B) DIS
0103 TuTh.....12:30pm- 1:45pm (ARC 0204) Haufler, V
W.....11:00am-11:50am (DNC 1147A) DIS
0105 TuTh.....12:30pm- 1:45pm (ARC 0204) Haufler, V
W.....12:00pm-12:50pm (DNC 1147A) DIS
0106 TuTh.....12:30pm- 1:45pm (ARC 0204) Haufler, V
W.....1:00pm- 1:50pm (SCP 1107) DIS
0108 TuTh.....12:30pm- 1:45pm (ARC 0204) Haufler, V
W.....2:00pm- 2:50pm (LEF 1221) DIS
0201 MWF.....10:00am-10:50am (TYD 0117) Johnston, K

GVPT210 Introduction to Public Administration and Policy; Grade Method: REG/P-F/AUD. Prerequisite: GVPT 170. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (LEF 2208) Ranald, R
0201 TuTh.....9:30am-10:45am (ASY 1213) Vietri, L

GVPT220 Introduction to Political Behavior; Grade Method: REG/P-F/AUD. USP Distributive Studies Area D Course. Prerequisite: GVPT 100 or GVPT 170. — 3 credits
0101 MWF.....11:00am-11:50am (LEF 2208) Hardt, J
0201 MWF.....2:00pm- 2:50pm (LEF 2208) Imbroscio, D

GVPT231 Law and Society; Grade Method: REG/P-F/AUD. Prerequisite: GVPT 170. — 3 credits
0101 TuTh.....12:00pm-12:50pm (KEY 0106) Soltan, K
Th.....2:00pm- 2:50pm (JMZ 2207) DIS
0102 TuTh.....12:00pm-12:50pm (KEY 0106) Soltan, K
Th.....3:00pm- 3:50pm (JMZ 2207) DIS
0103 TuTh.....12:00pm-12:50pm (KEY 0106) Soltan, K
F.....9:00am- 9:50am (KEY 0126) DIS
0104 TuTh.....12:00pm-12:50pm (KEY 0106) Soltan, K
F.....10:00am-10:50am (TYD 2100) DIS
0105 TuTh.....12:00pm-12:50pm (KEY 0106) Soltan, K
Th.....1:00pm- 1:50pm (JMZ 0118) DIS
0106 TuTh.....12:00pm-12:50pm (KEY 0106) Soltan, K
F.....8:00am- 8:50am (LEF 1201) DIS
0107 TuTh.....12:00pm-12:50pm (KEY 0106) Soltan, K
F.....10:00am-10:50am (TYD 0101) DIS
0108 TuTh.....12:00pm-12:50pm (KEY 0106) Soltan, K
F.....11:00am-11:50am (LEF 1201) DIS

GVPT240 Political Ideologies; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Prerequisite: GVPT 100. — 3 credits
0101 TuTh.....11:00am-12:15pm (ARM 0112) Tismaneanu, V

GVPT260 State and Local Government; Grade Method: REG/P-F/AUD. Prerequisite: GVPT 170. — 3 credits
0101 TuTh.....11:00am-12:30pm (LEF 2166) Reeves, M
0201 MWF.....9:00am 9:50am (LEF 2208) Stronks, J

GVPT273 Introduction to Environmental Politics; Grade Method: REG/P-F/AUD. USP Distributive Studies Area D Course. Prerequisite: GVPT 170. — 3 credits
0101 TuTh.....1:00pm- 1:50pm (LEF 2205) Pirages, D
Th.....2:00pm- 2:50pm (LEF 1220) DIS
0105 TuTh.....1:00pm- 1:50pm (LEF 2205) Pirages, D
F.....10:00am-10:50am (LDS 1130) DIS
0106 TuTh.....1:00pm- 1:50pm (LEF 2205) Pirages, D
F.....9:00am- 9:50am (KEY 0125) DIS
0107 TuTh.....1:00pm- 1:50pm (LEF 2205) Pirages, D
Th.....4:00pm- 4:50pm (LDS 1130) DIS
0108 TuTh.....1:00pm- 1:50pm (LEF 2205) Pirages, D
F.....11:00am-11:50am (KEY 0125) DIS

GVPT280 Comparative Politics and Governments; Grade Method: REG/P-F/AUD. Prerequisite: GVPT 100. — 3 credits
0101 MWF.....10:00am-10:50am (TYD 1101) Mayer, L

GVPT282 The Government and Politics of the Third World; Grade Method: REG/P-F/AUD. Prerequisite: GVPT 100. See "What's New and Interesting." — 3 credits
0101 MWF.....1:00pm- 1:50pm (LEF 2208) Lanning, E

GVPT376A Applied Field Research in Government and Politics; Grade Method: REG/P-F/AUD. Prerequisite: GVPT 170. Corequisite: GVPT 377. Limited to Capitol Hill interns. — 6 credits
0101 Time and room to be arranged Lanning, E

GVPT377A Seminar For Academic Interns; Grade Method: REG/P-F/AUD. Prerequisite: GVPT 170. Corequisite: GVPT 376. Limited to Capitol Hill interns. — 3 credits
0101 M.....3:30pm- 6:15pm (LEF 2138H) Lanning, E

GVPT386 Field Work; Grade Method: REG/P-F/AUD. — 1-3 credits

ENROLLMENT IN ALL UNDERGRADUATE GVPT COURSES WILL GENERALLY BE LIMITED TO TWO COURSES. THIS LIMITATION WILL NOT APPLY TO STUDENTS WHOSE CUMULATIVE CREDITS TOTAL 102 OR MORE BY THE END OF THE SPRING 1991 SEMESTER. REQUESTS TO REGISTER FOR MORE THAN TWO GVPT COURSES MUST BE APPROVED BY THE DEPARTMENT OF GOVERNMENT AND POLITICS.

Individual Instruction course: contact department or instructor to obtain section number. Corequisite: GVPT 387.

GVPT387 Field Work Analysis; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: GVPT 388. — 1-3 credits

GVPT388 Topical Investigations; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Permission of Director of Undergraduate Studies. — 3 credits

GVPT392H Honors Seminar in Public Law and Political Theory; Grade Method: REG/P-F/AUD. Prerequisite: admission to honors program. — 3 credits
0101 MW.....2:00pm- 3:15pm (LEF 2138H) Alford, F

GVPT396 (PermReq) Introduction to Honors Research; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: admission to and permission of GVPT Honors Program. — 3 credits

GVPT397 (PermReq) Honors Research; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: GVPT 396 and admission to GVPT honors program. — 3 credits

GVPT399A Seminar in Government and Politics: International Political Economy; Grade Method: REG/P-F/AUD. — 3 credits
0101 Th.....2:00pm- 4:30pm (WDS 0104) Kaminski, B

GVPT399C Seminar in Government and Politics; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (LEF 1201) Davidson, R

GVPT399F (PermReq) Seminar in Government and Politics: Workshop on Conflict and Peace Analysis; Grade Method: REG/P-F/AUD. Course limited to interns at the Center for International Development and Conflict Management. Permission of instructor. — 3 credits
0101 M.....2:00pm- 4:30pm (WDS 1114) Davies, J

GVPT402 International Law; Grade Method: REG/P-F/AUD. Prerequisite: GVPT 200. — 3 credits
C.01 MWF.....11:00am-11:50am (LEF 2166) Piper, D

GVPT403 Law, Morality and War; Grade Method: REG/P-F/AUD. CORE Advanced Studies Social and Ethical Problems Course. USP Advanced Studies Analysis of Human Problems Course. Prerequisite: GVPT 200. — 3 credits
0101 MWF.....10:00am-10:50am (LEF 2166) Piper, D

GVPT414 Administrative Law; Grade Method: REG/P-F/AUD. Prerequisite: GVPT 210. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (TYD 1101) Ranald, R

GVPT423 Elections and Electoral Behavior; Grade Method: REG/P-F/AUD. Prerequisite: GVPT 220. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (DNC 1133B) Uslaner, E

GVPT429A Problems in Political Behavior: Formal Theories of Politics; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course. GVPT 429A should be offered as GVPT 429B. At the end of the Fall 1991 Schedule Adjustment Period, students' registrations will be changed administratively to GVPT 429B so that course will be counted as a USP Development of Knowledge course. — 3 credits
0101 TuTh.....11:00am-12:15pm (LEF 1221) Lalman, D

GVPT431 Introduction to Constitutional Law; Grade Method: REG/P-F/AUD. Prerequisite: GVPT 231. — 3 credits
0101 MWF.....11:00am-11:50am (TYD 1102) McCarrick, E

GVPT432 Civil Rights and the Constitution; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. Prerequisite: GVPT 231. — 3 credits
0101 TuTh.....11:00am-12:15pm (TYD 1102) Claude, R

GVPT436 The Legal Status of Women; Grade Method: REG/P-F/AUD. Prerequisite: GVPT 231. — 3 credits
0101 MWF.....9:00am- 9:50am (TYD 1101) McCarrick, E

GVPT441 History of Political Theory: Ancient and Medieval; Grade Method: REG/P-F/AUD. CORE Advanced Studies Social and Ethical Problems Course. USP Advanced Studies Development of Knowledge Course. Prerequisite: GVPT 100. — 3 credits
0101 M.....5:00pm- 7:45pm (LEF 2208) Schneck, S
0201 M.....5:00pm- 8:15pm (TYD 2111) Butterworth, C

GVPT442 History of Political Theory--Medieval to Recent; Grade Method: REG/P-F/AUD. CORE Advanced Studies Social and Ethical Problems Course. USP Advanced Studies Development of Knowledge Course. Prerequisite: GVPT 100. — 3 credits
0101 W.....7:00pm- 9:45pm (ZOP 1250) Stevens, R
0201 TuTh.....12:30pm- 1:45pm (LEF 2166) Terchek, R

GVPT451 Foreign Policy of the U.S.S.R.; Grade Method: REG/P-F/AUD. Prerequisite: GVPT 280 or GVPT 282. — 3 credits
0101 MWF.....1:00pm- 1:50pm (LEF 2166) Dawisha, K

GVPT461 Metropolitan Government; Grade Method: REG/P-F/AUD. Prerequisite: GVPT 260. — 3 credits
0101 TuTh.....9:30am-10:45am (TYD 2100) Marando, V

GVPT462 Urban Politics; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. Prerequisite: GVPT 260. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (SCP 1120) Williams, L

GVPT474 Political Parties; Grade Method: REG/P-F/AUD. Prerequisite: GVPT 170. — 3 credits
0101 TuTh.....9:30am-10:45am (WDS 1114) Herrnson, P

GVPT475 The Presidency and the Executive Branch; Grade Method: REG/P-F/AUD. Prerequisite: GVPT 170. — 3 credits
0101 TuTh.....11:00am-12:15pm (TYD 1101) Davidson, R

GVPT479A Problems of American Public Policy: The Politics of the Vietnam War; Grade Method: REG/P-F/AUD. CORE Advanced Studies Social and Ethical Problems Course. — 3 credits
0101 W.....2:00pm- 4:45pm (HBK 4205) Vietri, L

GVPT479B Problems of American Public Policy; Grade Method: REG/P-F/AUD. — 3 credits
0101 M.....8:00am-11:00am (LEF 1221) Martino, A

GVPT481 Government and Administration of the Soviet Union; Grade Method: REG/P-F/AUD. Prerequisite: GVPT 280 or GVPT 282. — 3 credits
0101 M..... 6:00pm- 8:45pm (LEF 2129) Douse, G

GVPT486 Comparative Studies in European Politics; Grade Method: REG/P-F/AUD. Prerequisite: GVPT 280 or GVPT 282. — 3 credits
0101 MWF.....12:00pm-12:50pm (LEF 2208) Mayer, L

GVPT622 Quantitative Methods for Political Science; Grade Method: REG/AUD. — 3 credits
0101 M.....3:30pm- 6:15pm (LEF 2205) Swistak, P

GVPT700 Scope and Method of Political Science; Grade Method: REG/AUD. — 3 credits
0101 Th.....6:30pm- 9:15pm (LEF 1222) Oppenheimer, J

GVPT708 Seminar in International Relations Theory: Basic Field Seminar for Graduate Students; Grade Method: REG/AUD. — 3 credits
0101 W.....3:30pm- 6:15pm (LEF 2207) Phillips, W

GVPT730 Methods of Formal Political Theory; Grade Method: REG/AUD. — 3 credits
0101 W.....6:30pm- 9:15pm (LEF 1210) Swistak, P

GVPT741 Political Theory; Grade Method: REG/AUD. See "What's New and Interesting." — 3 credits
0101 W.....6:30pm- 9:15pm (LEF 2207) Alford, C

GVPT752 Seminar in American Political Institutions; Grade Method: REG/AUD. See "What's New and Interesting." — 3 credits
0101 W.....6:30pm- 9:15pm (LEF 2138) Uslaner, E

GVPT799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

GVPT808A Selected Topics in Functional Problems in International Relations: Politics of International Financial Relations; Grade Method: REG/AUD. — 3 credits
0101 Th.....3:30pm- 6:15pm (LEF 2176) Haufler, V

GVPT808B (PermReq) Selected Topics in Functional Problems in International Relations: Workshop in International Conflict and Cooperation; Grade Method: REG/AUD. Course limited to graduate students intending to participate in the CIDCM internship program. — 3 credits
0101 M.....1:30pm- 3:15pm (WDS 1114) Gurr, T
Time and room to be arranged LAB

GVPT808D Selected Topics in Functional Problems in International Relations: Conflict, Crisis and War; Grade Method: REG/AUD. — 3 credits
0101 M.....3:30pm- 6:30pm (LEF 2207) Ulkenfeld, J

GVPT828 Selected Problems in Political Behavior: State and Market Economy; Grade Method: REG/AUD. — 3 credits
0101 Tu.....7:00pm- 9:45pm (LEF 2207) Soltan, K

GVPT831 Formal Theories of Politics; Grade Method: REG/AUD. Prerequisite: GVPT 730 or permission of instructor. — 3 credits
0101 Th.....3:30pm- 6:15pm (LEF 2207) Lalman, D

GVPT841 Great Political Thinkers; Grade Method: REG/AUD. Prerequisite: GVPT 441. — 3 credits
0101 M.....6:30pm- 9:30pm (LEF 2176) Glass, J

GVPT846 Theories of Democracy; Grade Method: REG/AUD. Prerequisite: GVPT 442. — 3 credits
0101 Tu.....3:30pm- 6:15pm (LEF 1220) Terchek, R

GVPT859A Selected Topics in Public Policy: International Human Rights: Issues and Action; Grade Method: REG/AUD. — 3 credits
0101 TuTh.....6:30pm- 9:15pm (LEF 2138H) Claude, R

GVPT859B Selected Topics in Public Policy: Wealth, Poverty, and Public Policy; Grade Method: REG/AUD. — 3 credits
0101 W.....3:30pm- 6:15pm (LEF 1210) Williams, L

GVPT862 Seminar On Intergovernmental Relations; Grade Method: REG/AUD. — 3 credits
0101 Tu.....3:30pm- 6:15pm (LEF 2138H) Reeves, M

GVPT872 Judicial Process and Behavior; Grade Method: REG/AUD. — 3 credits
0101 Th.....3:30pm- 6:30pm (LEF 2138H) McIntosh, W

GVPT878 Problems in American Government and Politics: Seminar in Political Interest Groups; Grade Method: REG/AUD. — 3 credits
0101 Tu.....3:30pm- 6:15pm (LEF 2138) Herrnson, P

GVPT889B Selected Topics in Area Problems in International Relations; Grade Method: REG/AUD. — 3 credits
0101 TU.....3:30pm- 6:00pm (LEF 1201) Tismaneanu, V

GVPT889C Selected Topics in Area Problems in International Relations: Soviet Foreign Policy; Grade Method: REG/AUD. — 3 credits
0101 W.....3:30pm- 6:15pm (LEF 2138H) Dawisha, K

GVPT898 (PermReq) Readings in Government and Politics; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Permission of director of graduate studies. — 3 credits

GVPT899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

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HEBR Hebrew (Arts and Humanities)

Students who have no knowledge of Hebrew should register for HEBR 111. Students who have studied Hebrew elsewhere are required to consult N. Levy for courses HEBR 211 and 212 or consult Professor Berlin on questions of placement above the HEBR 212 level.

HEBR111 Elementary Hebrew I; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. For beginners. This course meets six hours per week for 6 credits. — 6 credits
0101 MWF.....9:00am-10:50am (JMZ 2117) Liberman, E
0201 MWF.....11:00am-12:50pm (JMZ 2117) Liberman, E
0301 MWF.....9:00am-10:50am (JMZ 1104) Liberman, R
0401 MWF.....11:00am-12:50pm (JMZ 1109) Liberman, R

HEBR211 Intermediate Hebrew I; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Prerequisite: HEBR 112 or equivalent. Individual testing required for placement first week of class. — 6 credits
0101 MWF.....11:00am-12:50pm (JMZ 2206) Levy, N

HEBR224 The Hebrew Bible: Poetry and Rhetoric; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C Course. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (JMZ 0120) Berlin, A

HEBR231 Jewish Literature in Translation; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C Course. — 3 credits
0101 W.....7:00pm- 9:30pm (JMZ 2206) Mintz, A

HEBR313 Conversation and Composition I; Grade Method: REG/P-F/AUD. Prerequisite: HEBR 212 or equivalent. — 3 credits
0101 MWF.....1:00pm- 1:50pm (JMZ 1104) Levy, N

HEBR381 Advanced Conversation and Composition; Grade Method: REG/P-F/AUD. Prerequisite: HEBR 314 or permission of department. — 3 credits
0101 W.....3:30pm- 6:00pm (JMZ 1211) Mintz, A

HEBR441 (PermReq) Studies in Classical Hebrew and Epigraphy; Grade Method: REG/P-F/AUD. Prerequisite: HEBR 212 or equivalent. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (JMZ 1123) Berlin, A

HEBR498I (PermReq) Special Topics in Hebrew; Grade Method: REG. — 3 credits
0101 Time and room to be arranged Levy, N

HEBR498J Special Topics in Hebrew: Studies in Hebrew; Grade Method: REG/P-F/AUD. — 3 credits
0101 Time and room to be arranged Levy, N

HESP Hearing and Speech Sciences (Behavior & Social Sci)

HESP120 Introduction to Linguistics; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D Course. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (LEF 1201) Schulz, G

HESP202 Introduction to Hearing and Speech Sciences; Grade Method: REG/P-F/AUD. Hearing and speech majors and non-majors. Course chairman: McCall, Gerald. — 3 credits
0101 MWF.....9:00am- 9:50am (LEF 2205) Johnson, C

HESP300 Introduction to Psycholinguistics; Grade Method: REG/P-F/AUD. Prerequisite: HESP 202. — 3 credits
0101 TuTh.....11:00am-12:15pm (LEF 1201) Pather, N

HESP305 Anatomy and Physiology of the Speech Mechanism; Grade Method: REG/P-F/AUD. USP Distributive Studies Area B Course. Prerequisite: HESP 202. Course chairman: McCall, Gerald. — 3 credits
0101 Th.....3:30pm- 6:00pm (LEF 2208) STAFF

HESP386 (PermReq) Field Work; Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: HESP 387. — 1-3 credits

HESP387 (PermReq) Field Work Analysis; Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: HESP 386. — 1-3 credits

HESP400 Speech and Language Development in Children; Grade Method: REG/P-F/AUD. Prerequisite: HESP 300. — 3 credits
0101 TuTh.....9:30am-10:45am (LEF 2208) Yeni-Komshian,

HESP406 Speech Pathology III; Grade Method: REG/P-F/AUD. Prerequisite: HESP 303, HESP 305. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (LEF 1222) Dingwall, W

HESP407 Bases of Hearing Science; Grade Method: REG/P-F/AUD. Prerequisite: HESP 311. — 3 credits
0101 Tu.....5:15pm- 7:45pm (LEF 2205) STAFF

HESP411 Introduction to Audiology; Grade Method: REG/P-F/AUD. Prerequisite: HESP 311. — 3 credits
0101 MWF.....10:00am-10:50am (LEF 1201) STAFF

HESP417 Principles and Methods in Speech-Language Pathology and Audiology; Grade Method: REG/P-F/AUD. Prerequisite: HESP 402, HESP 411. — 3 credits
0101 MF.....1:00pm- 1:50pm (LEF 1201) Smallets-Palmer
W.....12:00pm- 1:50pm (LEF 1201) LAB

HESP498 Seminar: Deafness and Sign Language; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....8:00am- 9:15am (LEF 1201) STAFF

HESP499 (PermReq) Independent Study: Topics in the Hearing and Speech Sciences; Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

HESP600 Instrumentation in Hearing and Speech Sciences; Grade Method: REG/AUD. Prerequisite: permission of department. — 3 credits
0101 Tu.....3:30pm- 6:00pm (LEF 0135) STAFF

HESP604 (PermReq) Acoustical and Perceptual Phonetics; Grade Method: REG/AUD. Prerequisite: permission of department. — 3 credits
0101 M.....3:30pm- 6:00pm (LEF 0135) Yeni-Komshian,

HESP606 Basic Hearing Measurements; Grade Method: REG/AUD. Prerequisite: HESP 411 or equivalent. — 3 credits
0101 F.....1:00pm- 3:30pm (LEF 0135) Gordon-Salant,

HESP610 Aphasia; Grade Method: REG/AUD. — 3 credits
0101 M.....9:30am-12:00pm (LEF 0135) Dingwall, W

HESP612 Fluency Disorders; Grade Method: REG/AUD. Prerequisite: permission of department. — 3 credits
0101 Tu.....1:00pm- 3:30pm (LEF 0135) Rotner, N

HESP614 Orofacial Anomalies; Grade Method: REG/AUD. Prerequisite: permission of department. — 3 credits
0101 M.....1:00pm- 3:30pm (LEF 0135) McCall, G

HESP616 Language Disorders in Children; Grade Method: REG/AUD. Prerequisite: HESP 400 or equivalent or permission of department. — 3 credits
0101 Th.....1:00pm- 3:30pm (LEF 0135) Roth, F

HESP630 Electrophysiological Measurements; Grade Method: REG/AUD. Prerequisite: HESP 606 or permission of department. — 3 credits
0101 W.....3:30pm- 6:00pm (LEF 0104H) STAFF

HESP638 (PermReq) Research Practicum; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

HESP648A (PermReq) Clinical Practice in Speech: Diagnostic Procedures; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. Course chairman: Roth. Majors only. — 1 credit

HESP648B (PermReq) Clinical Practice in Speech: Therapeutic Procedures; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. Course chairman: Roth. Majors only. — 1-2 credits

HESP649A (PermReq) Clinical Practice in Audiology: Diagnostic Audiology; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. Course chairman: Gordon-Salant. Majors only. — 1-2 credits

HESP649B (PermReq) Clinical Practice in Audiology: Aural Rehabilitation; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. Course chairman: Gordon-Salant. Majors only. — 1-2 credits

HESP702 Diagnostic Procedures in Speech-Language Pathology; Grade Method: REG/AUD. Course Chairman: Pather. — 3 credits
0101 W..... 9:30am-12:00pm (LEF 0135) STAFF

HESP706 Advanced Clinical Audiology; Grade Method: REG/AUD. Prerequisite: HESP 606 or equivalent. — 3 credits
0101 Th.....3:30pm- 6:00pm (LEF 0135) STAFF

HESP708 (PermReq) Independent Study; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

HESP728 (PermReq) Advanced Clinical Practice in Speech: Advanced Graduate Laboratory Practicum in Speech-Language Pathology; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. Course chairman: McCall. Majors only. — 1-8 credits

HESP729 (PermReq) Advanced Clinical Practice in Audiology: Advanced Graduate Laboratory Practicum in Audiology; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. Course chairman: McCall. Majors only. — 1-8 credits

HESP799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

HESP899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

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HISP Historic Preservation (Architecture)

HISP600 Seminar in Historic Preservation; Grade Method: REG/AUD. — 3 credits
0101 Time and room to be arranged Fogle, D
Time and room to be arranged DIS

HISP700 Final Seminar in Historic Preservation; Grade Method: REG/AUD. — 3 credits
0101 Time and room to be arranged STAFF

HIST History (Arts and Humanities)

HIST110 The Ancient World; Grade Method: — 3 credits

REG/P-F/AUD. CORE Distributive Studies Humanities Course. USP Distributive Studies Area A Course. Formerly HIST 130. Discussion section will be assigned at first lecture.
0101 TuTh.....10:00am-10:50am (KEY 0106) Eckstein, A
Time and room to be arranged DIS

HIST112 The Rise of the West: 1500 - 1789; Grade Method: REG/P-F/AUD. CORE Distributive Studies Humanities Course. USP Distributive Studies Area A Course. Formerly HIST 132. Discussion section will be assigned at first lecture. 3 credits
0101 MW.....12:00pm-12:50pm (KEY 0102) Williams, W
Time and room to be arranged DIS

HIST113 Modern Europe: 1789 - Present; Grade Method: REG/P-F/AUD. CORE Distributive Studies Social or Political History Course. USP Distributive Studies Area A Course. Formerly HIST 133. Discussion section will be assigned at first lecture. 3 credits
0101 MW.....11:00am-11:50am (KEY 0106) Wetzell, R
Time and room to be arranged DIS

HIST120 Islamic Civilization; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Formerly HIST 280. Discussion sections assigned at first lecture. 3 credits
0101 TuTh.....2:00pm- 3:15pm (KEY 0102) Seng, Y
Time and room to be arranged DIS

HIST122 African Civilization; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Formerly HIST 290. 3 credits
0101 TuTh.....9:30am-10:45am (KEY 0103) Perinbam, B

HIST156 History of the United States to 1865; Grade Method: REG/P-F/AUD. CORE Distributive Studies Social or Political History Course. USP Distributive Studies Area A Course. Discussion sections will be assigned at first lecture. 3 credits
0101 MW.....12:00pm-12:50pm (KEY 0106) McCusker, J
Time and room to be arranged DIS
0201 MW.....2:00pm- 2:50pm (KEY 0106) Rowland, L
Time and room to be arranged DIS
0301 TuTh.....1:00pm- 1:50pm (KEY 0106) Bradbury, M
Time and room to be arranged DIS
0401 TuTh.....9:00am- 9:50am (KEY 0106) Evans, E
Time and room to be arranged DIS
0501 TuTh.....11:00am-11:50am (KEY 0106) Shulman, H
Time and room to be arranged DIS

HIST157 History of the United States Since 1865; Grade Method: REG/P-F/AUD. CORE Distributive Studies Social or Political History Course. USP Distributive Studies Area D Course. 3 credits
0101 TuTh.....10:00am-10:50am (SHM 2102) Kaufman, S
Time and room to be arranged DIS
0201 MW.....10:00am-10:50am (KEY 0106) Ridgway, W
Time and room to be arranged DIS
0301 MW.....11:00am-11:50am (KEY 0102) Moss Jr., A
Time and room to be arranged DIS
0401 MW.....2:00pm- 2:50pm (LEF 2205) Olson, K
Time and room to be arranged DIS

HIST178B Biography in History: Black Leaders of the Twentieth Century; Grade Method: REG/P-F/AUD. 3 credits
0101 TuTh.....11:00am-12:15pm (KEY 0125) Harlan, L

HIST210 Women in America to 1880; Grade Method: REG/P-F/AUD. CORE Distributive Studies Social or Political History Course. CORE Distributive Studies Cultural Diversity Course. USP Distributive Studies Area A Course. Discussion sections will be assigned at first lecture. 3 credits
0101 TuTh.....2:00pm- 2:50pm (KEY 0106) Muncy, R
Time and room to be arranged DIS

HIST212 Women in Western Europe, 1750-Present; Grade Method: REG/P-F/AUD. CORE Distributive Studies Social or Political History Course. CORE Distributive Studies Cultural Diversity Course. 3 credits
0101 TuTh.....11:00am-11:50am (KEY 1117) Gullickson, G
Time and room to be arranged DIS

#HIST224 Modern Military History, 1494-1815; Grade Method: REG/P-F/AUD. 3 credits
0101 MW.....10:00am-10:50am (KEY 0102) Sumida, J
Time and room to be arranged DIS

#HIST236 History of Britain 1688 to Present; Grade Method: REG/P-F/AUD. CORE Distributive Studies Social or Political History Course. USP Distributive Studies Area A Course. Discussion section assigned at first lecture. 3 credits
0101 TuTh.....9:00am- 9:50am (KEY 1117) Price, R
Time and room to be arranged DIS

#HIST237 Russian Civilization; Grade Method: REG/P-F/AUD. CORE Distributive Studies Social or Political History Course. CORE Distributive Studies Cultural Diversity Course. USP Distributive Studies Area A Course. Discussion sections assigned first class meeting. 3 credits
0101 MW..... 1:00pm- 1:50pm (KEY 0106) Majeska, G
Time and room to be arranged DIS

#HIST250 Latin American History I; Grade Method: REG/P-F/AUD. CORE Distributive Studies Social or Political History Course. CORE Distributive Studies Cultural Diversity Course. USP Distributive Studies Area A Course. Discussion sections assigned first class meeting. 3 credits
0101 MW.....11:00am-11:50am (KEY 0116) Warren, J
Time and room to be arranged DIS

#HIST275 Law and Constitutionalism in American History; Grade Method: REG/P-F/AUD. CORE Distributive Studies Social or Political History Course. USP Distributive Studies Area D Course. 3 credits
0101 TuTh.....2:00pm- 3:15pm (TYD 1101) Van Tassell, E

HIST282 History of the Jewish People I; Grade Method: REG/P-F/AUD. CORE Distributive Studies Social or Political History Course. CORE Distributive Studies Cultural Diversity Course. USP Distributive Studies Area A Course. Discussion section will be assigned at first lecture. 3 credits
0101 TuTh.....11:00am-11:50am (KEY 0102) Cooperman, B
Time and room to be arranged DIS

#HIST309A Proseminar in Historical Writing: 20th Century African-American History; Grade Method: REG/P-F/AUD. 3 credits
0101 M.....1:00pm- 3:00pm (KEY 0107) Moss Jr., A
Time and room to be arranged DIS

#HIST309B Proseminar in Historical Writing: Tudor - Stuart England; Grade Method: REG/P-F/AUD. 3 credits
0101 W.....2:00pm- 4:00pm (KEY 0107) Breslow, M
Time and room to be arranged DIS

HIST309C Proseminar in Historical Writing: Early American History; Grade Method: REG/P-F/AUD. 3 credits
0101 Th.....2:00pm- 4:00pm (KEY 0107) Evans, E
Time and room to be arranged DIS

HIST309F Proseminar in Historical Writing: Modern European History; Grade Method: REG/P-F/AUD. 3 credits
0101 M.....2:00pm- 4:00pm (KEY 2119) Wetzell, R
Time and room to be arranged DIS

#HIST312A Crisis and Change in the United States: The Changing Urban Scene; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. 3 credits
0101 MWF.....9:00am- 9:50am (KEY 0106) Flack, J

#HIST312B Crisis and Change in the United States: Dynamics of Federal Indian Policies; Grade Method: REG/AUD. USP Advanced Studies Analysis of Human Problems Course. 3 credits
0101 MW.....12:30pm- 1:45pm (KEY 0116) Nicklason, F

HIST319A Special Topics in History: Transformation of Modern China; Grade Method: REG/P-F/AUD. Prerequisite: HIST 285, HIST 481, or permission of department. 3 credits
0101 M.....4:00pm- 6:00pm (KEY 0121) Thompson, R
Time and room to be arranged DIS

HIST319B Special Topics in History: Egypt: A History; Grade Method: REG/P-F/AUD. 3 credits
0101 TuTh.....9:30am-10:45am (KEY 0124) Stowasser, K

HIST319D Special Topics in History: World War II in the Pacific and East Asia; Grade Method: REG/P-F/AUD. 3 credits
0101 Tu.....2:00pm- 5:00pm (KEY 1117) Mayo, M

HIST324 Classical Greece; Grade Method: REG/P-F/AUD. 3 credits
0101 TuTh.....12:30pm- 1:45pm (KEY 0103) Holum, K

HIST332 Europe During the Renaissance and Reformation I; Grade Method: REG/P-F/AUD. 3 credits
0101 MW.....2:00pm- 3:15pm (KEY 0103) Rutenburg, J

HIST334 The Age of Absolutism, 1600-1715; Grade Method: REG/P-F/AUD. 3 credits
0101 MW.....9:30am-10:45am (KEY 0107) Williams, W

HIST340 Eastern Europe under Communism; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. 3 credits
0101 TuTh.....2:00pm- 3:15pm (SCP 1120) Lampe, J

HIST351 Social History of Washington, D.C.; Grade Method: REG/P-F/AUD. 3 credits
0101 MWF.....11:00am-11:50am (KEY 0124) Flack, J

HIST360 American Colonial History; Grade Method: REG/P-F/AUD. 3 credits
0101 MW.....9:30am-10:45am (KEY 1117) Olson, A

HIST362 The Formative Period in America, 1789-1824; Grade Method: REG/P-F/AUD. 3 credits
0101 TuTh.....9:30am-10:45am (KEY 0116) Bradbury, M

HIST374 Modern Jewish History I: the Road to Emancipation, 1650-1870; Grade Method: REG/P-F/AUD. 3 credits
0101 MW.....11:00am-12:15pm (KEY 0126) Rozenblit, M

HIST390 Middle East I; Grade Method: REG/P-F/AUD. 3 credits
0101 TuTh.....11:00am-12:15pm (KEY 0103) Stowasser, K

HIST395 Honors Colloquium I; Grade Method: REG/P-F/AUD. 3 credits
0101 Tu..... 1:00pm- 3:00pm (KEY 0107) Eckstein, A
Time and room to be arranged DIS

HIST398 Honors Thesis; Grade Method: REG/P-F/AUD. See Director of History Honors program during first week of classes. 3 credits
0101 Th.....3:00pm- 3:50pm (KEY 1118) Grimsted, D
Time and room to be arranged DIS

HIST402 The Development of Modern Physical Science: From Newton to Einstein; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course. Prerequisites: MATH 110; and PHYS 112 or PHYS 117 or equivalent. 3 credits
0101 TuTh.....2:00pm- 3:15pm (CHM 1402) Brush, S

HIST404 History of Modern Biology; Grade Method: REG/P-F/AUD. 3 credits
0101 TuTh.....2:00pm- 3:15pm (HBK 0125) Darden, L

HIST407 Technology and Social Change in History; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. Students with HIST 407 prior to Fall Semester 1989 must have permission of department to enroll in this course. 3 credits
0101 TuTh.....2:00pm- 3:15pm (KEY 0126) Ceruzzi, P

HIST418 Jews and Judaism: Selected Historical Topics: Readings in Modern Jewish History; Grade Method: REG/P-F/AUD. Emphasis on Central Europe. 3 credits
0101 M.....2:00pm- 4:00pm (KEY 1118) Rozenblit, M
Time and room to be arranged DIS

HIST419C Special Topics in History: Redefining Gender in the United States, 1880-1935; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course. 3 credits
0101 TuTh.....11:00am-12:15pm (KEY 0126) Muncy, R

HIST419F Special Topics in History: Deviancy and Western Culture; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. 3 credits
0101 MW.....12:30pm- 1:45pm (KEY 0126) Flynn, M

#HIST422 Byzantine Empire I; Grade Method: REG/P-F/AUD. 3 credits
0101 MWF.....10:00am-10:50am (KEY 0124) Majeska, G

#HIST425 History of Russia From 1801 - 1917; Grade Method: REG/P-F/AUD. 3 credits
0101 MW.....12:30pm- 1:45pm (KEY 1117) Yaney, G

#HIST430 Tudor England; Grade Method: REG/P-F/AUD. 3 credits
0101 MW.....11:00am-12:15pm (KEY 0103) Breslow, M

#HIST436 French Revolution and Napoleon; Grade Method: REG/P-F/AUD. 3 credits
0101 TuTh.....12:30pm- 1:45pm (KEY 0124) Sutherland, D

#HIST440 Germany in the Nineteenth Century, 1815-1914; Grade Method: REG/P-F/AUD. 3 credits
0101 MW.....9:30am-10:45am (KEY 0125) Harris, J

#HIST442 The Soviet Union; Grade Method: REG/P-F/AUD. 3 credits
0101 TuTh.....12:30pm- 1:45pm (KEY 1117) Foust, C

#HIST450 Economic History of the United States to 1865; Grade Method: REG/P-F/AUD. 3 credits
0101 MW.....2:00pm- 3:15pm (KEY 0124) McCusker, J

#HIST452 Diplomatic History of the United States to 1914; Grade Method: REG/P-F/AUD. 3 credits
0101 MW.....10:00am-10:50am (KEY 0116) Cole, W
F.....10:00am-10:50am (KEY 2119) DIS
0102 MW.....10:00am-10:50am (KEY 0116) Cole, W
F.....11:00am-11:50am (KEY 2119) DIS

#HIST454 Constitutional History of the United States: From Colonial Origins to 1860; Grade Method: REG/P-F/AUD. 3 credits
0101 MW.....11:00am-12:15pm (KEY 0125) Belz, H

#HIST467 History of Maryland; Grade Method: REG/P-F/AUD. 3 credits
0101 TuTh.....9:30am-10:45am (KEY 0126) Callcott, G

HIST474 History of Mexico and Central America I; Grade Method: REG/P-F/AUD. 3 credits
0101 MW.....2:00pm- 3:15pm (KEY 0125) Warren, J

#HIST480 History of Traditional China; Grade Method: REG/P-F/AUD. 3 credits
0101 MW.....2:00pm- 3:15pm (KEY 0126) Thompson, R

#HIST482 History of Japan to 1800; Grade Method: REG/P-F/AUD. 3 credits
0101 TuTh.....9:30am-10:45am (KEY 0125) Mayo, M

#HIST496 Africa Since Independence; Grade Method: REG/P-F/AUD. 3 credits
0101 TuTh.....12:30pm- 1:45pm (KEY 0125) Perinbam, B

#HIST499 Independent Study; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

#HIST600 Historiography; Grade Method: REG/AUD. 3 credits
0101 W.....4:00pm- 6:00pm (KEY 1118) Belz, H
Time and room to be arranged DIS

#HIST602 General Seminar: American History; Grade Method: REG/AUD. 3 credits
0101 M.....4:00pm- 6:00pm (KEY 2119) Hoffman, R
Time and room to be arranged DIS
0201 Th.....3:00pm- 5:00pm (KEY 2119) Gilbert, J
Time and room to be arranged DIS

#HIST603 General Seminar: European History; Grade Method: REG/AUD. 3 credits
0101 Th.....4:00pm- 6:00pm (KEY 1118) Milward, A
Time and room to be arranged DIS

#HIST605 General Seminar: World History; Grade Method: REG/AUD. 3 credits
0101 Th.....6:00pm- 8:00pm (KEY 1118) Cooperman, B

#HIST607 Teaching History in Higher Education; Grade Method: S-F. 1 credit
0101 Time and room to be arranged STAFF

#HIST618 Readings in the History of Women; Grade Method: REG/AUD. 3 credits

0101 Tu.....4:00pm- 6:00pm (KEY 1118) Gullickson, G
Time and room to be arranged DIS

HIST619A Special Topics in History: Readings in the Civil Rights Era of the 60's; Grade Method: REG/AUD. 3 credits
0101 Tu.....4:00pm- 6:00pm (KEY 2119) Harlan, L
Time and room to be arranged DIS

HIST619B (PermReq) Special Topics in History: Independent Study; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

HIST619E (PermReq) Special Topics in History: Readings in Ancient History: Late Antiquity; Grade Method: REG/AUD. 3 credits
0101 Tu.....6:00pm- 8:00pm (KEY 1118) Holum, K

HIST619G Special Topics in History: Readings in Modern Military History; Grade Method: REG/AUD. 1-3 credits
0101 M.....7:00pm- 9:00pm (KEY 1118) Sumida, J
Time and room to be arranged DIS

HIST628 Readings in Colonial American History; Grade Method: REG/AUD. 3 credits
0101 W.....4:00pm- 6:00pm (KEY 2119) Olson, A
Time and room to be arranged DIS

HIST638 Readings in the Middle Period and Civil War; Grade Method: REG/AUD. 3 credits
0101 M.....5:00pm- 7:00pm (KEY 0107) Ridgway, W
Time and room to be arranged DIS

HIST668 Readings in American Social History; Grade Method: REG/AUD. Emphasis on readings in the liberal tradition, 1750-1950. 3 credits
0101 Th.....5:00pm- 7:00pm (KEY 2119) Grimsted, D
Time and room to be arranged DIS

HIST679 Readings in the History of American Foreign Policy; Grade Method: REG/AUD. 3 credits
0101 M.....7:00pm- 9:00pm (KEY 2119) Cole, W
Time and room to be arranged DIS

HIST689 Readings in Southern History; Grade Method: REG/AUD. 3 credits
0101 Th.....4:00pm- 6:00pm (KEY 0107) Callcott, G
Time and room to be arranged DIS

HIST719 Readings in the History of the Renaissance and Reformation; Grade Method: REG/AUD. 3 credits
0101 M.....3:00pm- 5:00pm (KEY 0107) Flynn, M
Time and room to be arranged DIS

HIST729 Readings in Modern European History; Grade Method: REG/AUD. 3 credits
0101 M.....5:00pm- 7:00pm (KEY 1118) Harris, J
Time and room to be arranged DIS

HIST759 Readings in Russian and Soviet History; Grade Method: REG/AUD. 3 credits
0101 Tu.....3:00pm- 5:00pm (KEY 0107) Foust, C
Time and room to be arranged DIS

HIST779 Readings in Middle Eastern History; Grade Method: REG/AUD. 3 credits
0101 Time and room to be arranged Stowasser, K

HIST799 Master's Thesis Research; Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

HIST839 Seminar in Medieval and Early Modern European History: Seminar in Medieval Script and Society-Paleography; Grade Method: REG/AUD. 3 credits
0101 W.....5:00pm- 7:00pm (KEY 0107) Bedos-Rezak, B

HIST848 Seminar in Modern European History; Grade Method: REG/AUD. 3 credits
0101 Tu.....5:00pm- 7:00pm (KEY 0107) Sutherland, D

HIST849 Seminar in Russian and Soviet History; Grade Method: REG/AUD. 3 credits
0101 W.....7:00pm- 9:00pm (KEY 0107) Yaney, G

HIST850 Seminar in East European History; Grade Method: REG/AUD. 3 credits
0101 Th.....4:00pm- 6:00pm (KEY 0120) Lampe, J
Time and room to be arranged DIS

#HIST879 Seminar in the American Revolution and Formative Period; Grade Method: REG/AUD. 3 credits
0101 W.....6:00pm- 8:00pm (KEY 1118) Hoffman, R
Time and room to be arranged DIS

#HIST888 Seminar in the Middle Period and Civil War; Grade Method: REG/AUD. 3 credits
0101 M.....7:00pm- 9:00pm (KEY 0107) Grimsted, D
Time and room to be arranged DIS

#HIST890 Seminar in American Intellectual History; Grade Method: REG/AUD. 3 credits
0101 Tu.....4:00pm- 6:00pm (KEY 0126) Gilbert, J
Time and room to be arranged DIS

#HIST898 Seminar in Recent American History; Grade Method: REG/AUD. 3 credits
0101 W.....7:00pm- 9:00pm (KEY 2119) Olson, K
Time and room to be arranged DIS

#HIST899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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#HLHP Health and Human Performance (Hlth & Human Performance)

#HLHP386 (PermReq) Field Work; Grade Method: REG/P-F/AUD. Corequisite: HLHP 387. Formerly PERH 386. 1-3 credits
0101 Time and room to be arranged Kay, S
0201 Time and room to be arranged Hyde, D

HLHP387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD. Corequisite: HLHP 386. Formerly PERH 387. 1-3 credits
0101 Time and room to be arranged Kay, S
0201 Time and room to be arranged Hyde, D

HLHP688 (PermReq) Field Work in Aging; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

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#LTH Health (Hlth & Human Performance)

#HLTH105 Science and Theory of Health; Grade Method: REG/P-F/AUD. 2 credits
0101 TuTh.....9:30am-10:20am (HHP 1303) Hyde, D

#HLTH106 Drug Use and Abuse; Grade Method: REG/P-F/AUD. 3 credits
0101 MWF.....9:00am- 9:50am (HHP 1312) Scaffa, M
0201 TuTh.....9:30am-10:45am (HHP 1302) Beck, K

#HLTH140 Personal and Community Health; Grade Method: REG/P-F/AUD. 3 credits
0101 MWF.....10:00am-10:50am (HHP 1301) Gilbert, L
0201 MWF.....11:00am-11:50am (HHP 1301) Scaffa, M
0301 TuTh.....11:00am-12:15pm (HHP 1303) Reynolds, M
0401 TuTh.....12:30pm- 1:45pm (HHP 1302) Swift, R
0501 TuTh.....2:00pm- 3:15pm (HHP 0308) Fernandez, M

#HLTH150 First Aid and Emergency Medical Services; Grade Method: REG/P-F/AUD. 2 credits
0201 W.....8:00am- 9:40am (HHP 0302) Swift, R

#HLTH230 Introduction to Health Behavior; Grade Method: REG/P-F/AUD. USP Distributive Studies Area D Course. 3 credits
0101 TuTh.....2:00pm- 3:15pm (HHP 1302) Hyde, D

#HLTH285 Controlling Stress and Tension; Grade Method: REG/P-F/AUD. USP Distributive Studies Area D Course. 3 credits
0101 MWF.....11:00am-11:50am (HHP 1312) Schiraldi, G
0201 MWF.....12:00pm-12:50pm (HHP 1312) Schiraldi, G
0301 TuTh.....12:30pm- 1:45pm (HHP 1312) Allen, R
0401 TuTh.....8:00am- 9:15am (HHP 1312) Allen, R
0501 W.....4:15pm- 6:45pm (HHP 1312) Greenberg, J

HLTH289D Topical Investigations: Personal and Communitys on Alcohol and Drug Use; Grade Method: REG/P-F/AUD. This course is limited to residence hall students only-course will meet in Cumberland Hall room 0121. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (CBD 0121) Shepherd, K

HLTH340 (PermReq) Curriculum, Instruction and Observation; Grade Method: REG/P-F/AUD. Prerequisite: HLTH 140; and HLTH 420. — 3 credits
0101 M.....10:00am-11:45am (HHP 0301) Sawyer, R
Time and room to be arranged LAB

HLTH371 Communicating Safety and Health; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....11:00am-12:15pm (HHP 0303) Beck, K

HLTH377 Human Sexuality; Grade Method: REG/P-F/AUD. Formerly HLTH 477. — 3 credits
0101 TuTh.....11:00am-12:15pm (HHP 1312) Sawyer, R
0301 M.....4:15pm- 6:45pm (HHP 1303) Greenberg, J

HLTH388 (PermReq) Field Work; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: HLTH 387. — 1-3 credits

HLTH387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: HLTH 386. — 1-3 credits

HLTH390 Organization and Administration of School Health Programs; Grade Method: REG/P-F/AUD. Prerequisite: HLTH 105. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (HHP 0301) Klos, D

HLTH450 Health of Children and Youth; Grade Method: REG/P-F/AUD. — 3 credits
0101 MuF.....12:00pm-12:50pm (HHP 0302) Sawyer, R

HLTH471 Women's Health; Grade Method: REG/P-F/AUD. CORE Distributive Studies Cultural Diversity Course. Recommended for junior and senior women. — 3 credits
0101 TuTh.....11:00am-12:15pm (HHP 1302) Alexander, L

HLTH476 Death Education; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (HHP 1312) Leviton, D

HLTH487 Adult Health and Developmental Program; Grade Method: REG/P-F/AUD. First class meeting will be Saturday, September 7, 1991. — 3 credits
0101 Sa.....8:30am- 1:00pm (COL 0100) Leviton, D

HLTH489 (PermReq) Field Laboratory Projects and Workshop; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

HLTH498C (PermReq) Special Topics in Health: Principles and Methods of Community Health Education; Grade Method: REG/P-F/AUD. — 3 credits
0101 M.....1:00pm- 2:50pm (HHP 0301) Desmond, S
W.....1:00pm- 4:00pm (HHP 0301) LAB

HLTH498H (PermReq) Special Topics in Health: Internship in Community Health Education; Grade Method: REG/P-F/AUD. — 3 credits
0101 Time and room to be arranged Desmond, S

HLTH498I (PermReq) Special Topics in Health: Internship in Community Health; Grade Method: REG/P-F/AUD. — 3 credits
0101 Time and room to be arranged Desmond, S

HLTH498M Special Topics in Health: Microcomputer Applications in Health Education; Grade Method: REG/AUD. — 3 credits
0101 W.....4:15pm- 6:45pm (HHP 1304) Klos, D

HLTH498T Special Topics in Health: Ways of Knowing About Human Stress and Tension; Grade Method: REG. USP Advanced Studies Development of Knowledge Course. Prerequisite: HLTH 285. Student must present instructor with unofficial transcript showing proof of taking HLTH 285 at first class meeting. — 3 credits
0101 M.....7:00pm-10:00pm (HHP 0307) Schiraldi, G

HLTH600 Seminar in Health; Grade Method: REG/AUD. Meets 09/09/91 - 11/04/91 — 1 credit
0101 M.....4:15pm- 6:00pm (HHP 0302) Gold, R

HLTH665 Health Behavior I; Grade Method: REG/AUD. — 3 credits
0101 W.....4:15pm- 6:45pm (HHP 0303) Feldman, R

HLTH680 The Dynamics of Coping with Stress; Grade Method: REG/AUD. Prerequisite: HLTH 285 or permission of department. — 3 credits
0101 W.....7:00pm- 9:40pm (HHP 0305) Schiraldi, G

HLTH687 Advanced Seminar; Grade Method: REG/AUD. Meets 09/09/91 - 11/04/91 — 1 credit
0101 M.....4:15pm- 6:00pm (HHP 0302) Gold, R

HLTH688 (PermReq) Special Problems in Health Education; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

HLTH688P Special Problems in Health Education: Community Health Issues for Minority Populations; Grade Method: REG/AUD. — 3 credits
0101 Tu.....7:00pm- 9:40pm (HHP 0307) Thomas, S

HLTH688Q (PermReq) Special Problems in Health Education: Psychophysiological Assessment; Grade Method: REG/AUD. — 3 credits
0101 TBA (HHP 2305) LAB Allen, R

HLTH688Y Special Problems in Health Education: Seminar in Women's Health; Grade Method: REG/AUD. — 3 credits
0101 W.....7:00pm- 9:40pm (HHP 0307) Alexander, L

HLTH710 Methods and Techniques of Research; Grade Method: REG/AUD. — 3 credits
0101 Tu.....4:15pm- 6:45pm (HHP 1303) Feldman, R

HLTH740 Modern Theories of Health; Grade Method: REG/AUD. — 3 credits
0101 Th.....4:15pm- 6:45pm (HHP 1301) Thomas, S

HLTH760 Public Health; Grade Method: REG/AUD. — 3 credits
0101 M.....7:00pm- 9:45pm (HHP 0303) Gold, R

HLTH785 Internship in Health Education; Grade Method: REG/AUD. Prerequisites: [HLTH 665; and HLTH 775; and HLTH 780]; or permission of department. — 3 credits
0101 Time and room to be arranged Clearwater, H

HLTH799 (PermReq) Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

HLTH899 (PermReq) Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

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HONR Honors (Undergraduate Studies)

All HONR courses are open to students enrolled in University Honors and/or Departmental Honors programs and to others by permission of the Director of University Honors. Detailed descriptions of University Honors seminars can be found in the course description brochure available in the Honor's Office, 0110 Hornbake Library, X56771. All Honors courses require approval prior to registration.

HONR100 (PermReq) Honors Colloquium; Grade Method: S-F. Prerequisite: permission of University Honors Program. Course restricted to fall 1991 freshmen honors students. — 1 credit
0101 M.....1:00pm- 2:30pm (HBK 0123) Lawrence, J
0201 M.....1:00pm- 2:30pm (EGR 0102) Lawrence, J
0301 M.....2:00pm- 3:30pm (HBK 0125) Lawrence, J
0401 M.....2:00pm- 3:30pm (ZOP 1228) Lawrence, J
0501 M.....3:00pm- 4:30pm (ZOP 1124) Lawrence, J
0601 M.....3:00pm- 4:30pm (ZOP 1238) Lawrence, J
0701 M.....3:00pm- 4:30pm (CHE 2116) Lawrence, J
0801 Tu.....11:00am-12:30pm (GEO 1120) Lawrence, J
0901 Tu.....3:30pm- 5:00pm (CHE 2118) Lawrence, J
1001 Tu.....3:30pm- 5:00pm (CHE 2136) Lawrence, J
1101 W.....1:00pm- 2:30pm (HBK 0123) Lawrence, J
1201 W.....1:00pm- 2:30pm (HBK 1108) Lawrence, J
1301 W.....2:00pm- 3:30pm (CHE 2116) Lawrence, J
1401 W.....4:00pm- 5:30pm (CHE 2120) Lawrence, J
1501 W.....4:00pm- 5:30pm (CHE 2116) Lawrence, J
1601 Th.....3:30pm- 5:00pm (CHE 2118) Lawrence, J
1701 Th.....3:30pm- 5:00pm (ZOP 1232) Lawrence, J
1801 Th.....3:30pm- 5:00pm (MTH 0102) Lawrence, J
1901 W.....4:00pm- 5:30pm (HBK 0123) Lawrence, J

HONR118A (PermReq) Honors Colloquium: Cultural and Historical: In Search of Ancient Astronomies; Grade Method: REG. CORE Distributive Studies Humanities Course. CORE Distributive Studies Cultural Diversity Course. USP Distributive Studies Area A Course. — 3 credits
0101 Tu.....6:00pm- 9:00pm (HBK 0108) Carlton,
0102 W.....6:00pm- 9:00pm (HBK 0108) Carlton,

HONR128A (PermReq) Honors Colloquium: Natural Sciences and Mathematics: Science and Psuedoscience An Investigative Approach; Grade Method: REG. CORE Distributive Studies Math or Formal Reasoning Course. USP Distributive Studies Area B Course. — 3 credits
0101 TuTh.....3:30pm- 4:45pm (HBK 0125) DIS Denman III, D

HONR128G (PermReq) Honors Colloquium: Natural Sciences and Mathematics: Sea Monsters and Deep Sea Sharks; Grade Method: REG. CORE Distributive Studies Life Science Course. USP Distributive Studies Area B Course. — 3 credits
0101 W.....2:00pm- 3:00pm (ZOP 1240) Clark, E
W.....3:00pm- 5:00pm (HBK 1108)

HONR128I (PermReq) Honors Colloquium: Natural Sciences and Mathematics: Why and How to Conserve Biodiversity; Grade Method: REG/P-F/AUD. CORE Distributive Studies Life Science Course. USP Distributive Studies Area B Course. Field trips to be announced. — 3 credits
0101 W.....1:00pm- 4:00pm (HBK 0105) Dietz, J

HONR128J (PermReq) Honors Colloquium: Natural Sciences and Mathematics: Selected Mathematical Classics; Grade Method: REG. CORE Distributive Studies Math or Formal Reasoning Course. USP Distributive Studies Area B Course. — 3 credits
0101 TuTh.....9:30am-10:45am (HBK 0123) Rosenberg, J

HONR128K (PermReq) Honors Colloquium: Natural Sciences and Mathematics: Sea Monsters and Deep Sea Sharks; Grade Method: REG. USP Distributive Studies Area B Course. — 1 credit
0101 W.....2:00pm- 3:00pm (ZOP 1240) Clark, E

HONR138B (PermReq) Honors Colloquium: Literature and the Arts: Images of Masculinity in Twentieth Century American Literature and Film; Grade Method: REG. CORE Distributive Studies Literature Course. USP Distributive Studies Area C Course. — 3 credits
0101 Tu.....3:30pm- 6:00pm (HBK 1116) O'Sullivan, S

HONR138E (PermReq) Honors Colloquium: Literature and the Arts: Art and Vision; Grade Method: REG. CORE Distributive Studies Arts Course. USP Distributive Studies Area C Course. — 3 credits
0101 W.....9:00am-12:00pm (ASY 2322) Niese, H

HONR138I (PermReq) Honors Colloquium: Literature and the Arts: Watching Poetry/Reading TV; Grade Method: REG. CORE Distributive Studies Arts Course. USP Distributive Studies Area C Course. — 3 credits
0101 Th.....2:00pm- 4:30pm (HBK 0123) Retallack, J
0201 Th.....6:00pm- 8:30pm (HBK 0108) Retallack, J

HONR138L (PermReq) Honors Colloquium: Literature and the Arts: The Mind and Language; Grade Method: REG. CORE Distributive Studies Humanities Course. USP Distributive Studies Area C Course. — 3 credits
0101 TuTh.....12:30pm- 2:00pm (HBK 0123) Turner, M

HONR138M (PermReq) Honors Colloquium: Literature and the Arts: The Limits of Naturalism in Pictorial Art; Grade Method: REG. CORE Distributive Studies Arts Course. USP Distributive Studies Area C Course. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (ASY 3211) Denny, D

HONR138N (PermReq) Honors Colloquium: Literature and the Arts: Gender Relations in Traditional Chinese Literature; Grade Method: REG. CORE Distributive Studies Humanities Course. USP Distributive Studies Area C Course. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (JMZ 2206) Yee, A

HONR148A (PermReq) Honors Colloquium: Social and Behavioral Sciences: America and the Mass Media Since 1945; Grade Method: REG. CORE Distributive Studies Social or Political History Course. USP Distributive Studies Area D Course. — 3 credits
0101 Th.....2:00pm- 4:30pm (HBK 0103) Shulman, H

HONR148B (PermReq) Honors Colloquium: Social and Behavioral Sciences: Culture and Gender: Conflict Between the Sexes; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. CORE Distributive Studies Cultural Diversity Course. USP Distributive Studies Area D Course. — 3 credits
0101 Tu.....7:00pm- 9:30pm (HBK 1108) Tobin, M

HONR148G Honors Colloquium: Social and Behavioral Sciences: Social and Group Violence in America; Grade Method: REG/P-F/AUD. CORE Distributive Studies Social or Political History Course. USP Distributive Studies Area D Course. — 3 credits
0101 M.....2:00pm- 4:30pm (HBK 1108) DIS Smead, H

HONR148J (PermReq) Honors Colloquium: Social and Behavioral Sciences: Religion and Culture; Grade Method: REG. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D Course. — 3 credits
0101 Tu.....2:00pm- 4:45pm (HBK 0105) Northup,
0102 Tu.....11:00am- 1:30pm (ZOP 1228) Northup,

HONR148L (PermReq) Honors Colloquium: Social and Behavioral Sciences: Biophysical Stress Factor in Human Health and Disease; Grade Method: REG. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D Course. — 3 credits
0101 M.....2:00pm- 5:00pm (HHP 1312) Allen, R

HONR318A (PermReq) Honors Seminar: Cultural and Historical: America in Vietnam; Grade Method: REG. USP Distributive Studies Area A Course. — 3 credits
0101 Tu.....6:00pm- 9:00pm (HBK 0123) Straw, P

HONR318B (PermReq) Honors Seminar: Cultural and Historical: History of Maryland; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Taught by Dr. George Callcott, Distinguished Scholar Teacher. — 3 credits
0101 TuTh.....9:30am-10:45am (KEY 0126) Callcott, G
Time and room to be arranged DIS

HONR328A (PermReq) Honors Seminar: Natural Sciences and Mathematics: Practical Biological Microscopy; Grade Method: REG. USP Distributive Studies Area B Course. Permission of the instructor required. Four hours of laboratory to be arranged. — 3 credits
0101 Th.....1:00pm- 2:00pm (ZOP 0240) Maugel, T
Th.....2:00pm- 5:00pm (ZOP 0240) LAB

HONR328B (PermReq) Honors Seminar: Natural Sciences and Mathematics: What is Life?; Grade Method: REG. USP Distributive Studies Area B Course. — 3 credits
0101 Tu.....5:00pm- 7:30pm (HBK 0117) Ponnamperuma, C

HONR338B (PermReq) Honors Seminar: Literature and the Arts: Studies in Literature of the British Commonwealth; Grade Method: REG. USP Distributive Studies Area C Course. — 3 credits
0101 TuTh.....12:30pm- 2:00pm (HBK 0108) Russell, J

HONR338C (PermReq) Honors Seminar: Literature and the Arts: Ideology and Discourse in Contemporary Latin America; Grade Method: REG. USP Distributive Studies Area C Course. — 3 credits
0101 Th.....2:00pm- 4:30pm (JMZ 3118) Javier, S

HONR348A (PermReq) Honors Seminar: Social and Behavioral Sciences: Alternatives to Violence; Grade Method: REG. USP Distributive Studies Area D Course. — 3 credits
0101 W.....7:00pm- 9:30pm (ASY 3207) McCarthy, C

HONR368A (PermReq) Honors Seminar: Development of Knowledge: Private Lives: Learning about Maryland's Literature and History through Personal Records; Grade Method: REG. USP Advanced Studies Development of Knowledge Course. — 3 credits
0101 M.....1:00pm- 3:30pm (HBK 0108) Beauchamp, V

HONR368C (PermReq) Honors Seminar: Development of Knowledge: Plato vs. the Tragic Poets in Human Nature; Grade Method: REG. USP Advanced Studies Development of Knowledge Course. — 3 credits
0101 MW.....2:00pm- 3:15pm (LEF 2138H) Alford, F

HONR368D (PermReq) Honors Seminar: Development of Knowledge: Anthropology as Science and as Fiction; Grade Method: REG. USP Advanced Studies Development of Knowledge Course. — 3 credits
0101 Tu.....2:00pm- 4:30pm (HBK 0108) Gonzalez, N

HONR370 (PermReq) Honors Thesis or Project; Grade Method: S-F. Available only to University honors students. — 3-6 credits
0101 Th.....4:00pm- 5:00pm (HBK 0110) Lawrence, J

HONR378A (PermReq) Honors Seminar: Analysis of Human Problems: Emerging Nations: The Struggle to Develop; Grade Method: REG. USP Advanced Studies Analysis of Human Problems Course. — 3 credits
0101 M.....3:00pm- 5:30pm (HBK 0123) Werlin, H

HONR378C (PermReq) Honors Seminar: Analysis of Human Problems: Before and After the Wall: Germany and Europe in Recent History; Grade Method: REG. USP Advanced Studies Analysis of Human Problems Course. — 3 credits
0101 W.....1:00pm- 3:30pm (HBK 0108) Kent, G

HONR379 (PermReq) Honors Independent Study; Grade Method: S-F. Individual Instruction course: contact department or instructor to obtain section number. Available only to University honors students. Must contact the Honors Department before registration. — 3 credits

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HORT Horticulture (Agriculture)

HORT160 Introduction to Landscape Architecture; Grade Method: REG/P-F/AUD. USP Distributive Studies Area C Course. — 3 credits
0101 TuTh.....3:30pm- 4:45pm (HJP 0226) Scarfo, R

HORT200 (PermReq) Surveying and Landscape; Grade Method: REG/P-F/AUD. Limited to horticultural students majoring in the Landscape Design and Contacting option or permission of department. — 1 credit
0101 F.....9:00am-10:50am (HZF 0128B) Nola, D

HORT201 Environmental Factors and Horticultural Crop Production; Grade Method: REG/P-F/AUD. Prerequisites: BIOL 105 and HORT 100. — 4 credits
0101 TuTh.....9:00am-10:15am (HZF 1101) Deitzer, G
Tu.....2:00pm- 5:00pm (HAR 1105) LAB

HORT271 Plant Propagation; Grade Method: REG/P-F/AUD. Prerequisites: BIOL 105 and HORT 100. — 3 credits
0101 TuTh.....6:00pm- 6:50pm (HZF 1102) Gouin, F
Tu.....7:00pm-10:00pm (HAR 1109) LAB

HORT361 Principles of Landscape Design; Grade Method: REG/P-F/AUD. Prerequisite: HORT 260; and APDS 101. — 3 credits
0101 Tu.....1:00pm- 4:00pm (HZF 2106) LAB Scarfo, R
Th.....1:00pm- 3:00pm (HZF 2106) LAB

0102 Tu.....1:00pm- 4:00pm (HZF 0126) LAB Pihlak, M
Th.....1:00pm- 3:00pm (HZF 0126) LAB

HORT386 (PermReq) Field Work; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: HORT 387. — 1-3 credits

HORT387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: HORT 386. — 1-3 credits

HORT399 (PermReq) Special Problems; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 2 credits

HORT452 Principles of Landscape Establishment and Maintenance; Grade Method: REG/P-F/AUD. Prerequisite: HORT 201; and HORT 202; and HORT 453 or HORT 454. — 3 credits
0101 WF.....9:00am- 9:50am (HZF 1102) Graves, W
F.....10:00am- 1:00pm (HAR 1105) LAB
0102 WF.....9:00am- 9:50am (HZF 1102) Graves, W
W.....10:00am-12:50pm (HAR 1105) LAB

HORT453 Woody Plant Materials I; Grade Method: REG/P-F/AUD. Prerequisite: BOTN 212. — 3 credits
0101 MF.....1:00pm- 1:50pm (SYM 0200) Mityga, H
W.....1:00pm- 4:00pm (HZF 0128B) LAB

HORT462 Urban Landscape Design; Grade Method: REG/P-F/AUD. Prerequisite: HORT 361 and either HORT 453 or HORT 454. Corequisite: HORT 452. — 4 credits
0101 M.....2:00pm- 2:50pm (HZF 0128) Pihlak, M
M.....3:00pm- 5:00pm (HZF 0126) LAB
W.....2:00pm- 4:00pm (HZF 0126) LAB

HORT465 Landscape Structures and Materials; Grade Method: REG/P-F/AUD. Prerequisite: HORT 464. — 3 credits
0101 M.....10:00am-10:50am (HZF 0128B) Hamed, S
M.....11:00am-12:50pm (HZF 0126) LAB
W.....10:00am-11:50am (HZF 0126) LAB

HORT474 Physiology of Maturation and Storage of Horticultural Crops; Grade Method: REG/P-F/AUD. Pre- or corequisite: BOTN 441. — 3 credits
0101 MW.....9:00am- 9:50am (HZF 1101) Solomos, T
W.....1:00pm- 4:00pm (HZF 1125) LAB

HORT689N Special Topics in Horticulture: Fruit Tree Physiology; Grade Method: REG/AUD. Prerequisite: BOTN 441 or permission of instructor. — 2 credits
0101 Tu.....4:00pm- 6:00pm (HZF 1102) Walsh, C

HORT699 (PermReq) Special Problems in Horticulture; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

HORT781 Edaphic Factors and Horticultural Plants; Grade Method: REG/AUD. Prerequisite: BOTN 441. — 3 credits
0101 TuTh.....8:00am- 9:15am (HZF 1102) Hershey, D

HORT798 Advanced Seminar; Grade Method: SATISFACTORY/AUDIT. — 1 credit
0101 M.....4:00pm- 4:50pm (HZF 0128B) Quebedeaux, B

HORT799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

HORT899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

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HSAD Housing and Design (Arts and Humanities)

HSAD344 Interior Design II; Grade Method: REG/P-F/AUD. Prerequisite: HSAD 343. For interior design majors only. Attendance on the first day of classes is mandatory. — 3 credits
0101 TuTh.....11:00am- 1:30pm (MAH 1108) LAB — STAFF

HSAD440 Interior Design III; Grade Method: REG/P-F/AUD. Prerequisite: HSAD 344. For interior design majors only. Attendance on the first day of classes is mandatory. — 4 credits
0101 Meets 09/03/91 - 10/18/91 — Fabiano, F
MWF.....1:30pm- 5:30pm (MAH 1108)

HSAD441 Interior Design IV; Grade Method: REG/P-F/AUD. Prerequisite: HSAD 440. For interior design majors only. Attendance on thes first day of classes is mandatory. — 4 credits
0101 Meets 10/21/91 - 12/11/91 — Fabiano, F
MWF.....1:30pm- 5:30pm (MAH 1108)

HSAD658G Special Topics in Housing and Interior Design: Planning and Design of Housing for Low and Moderate Income Households; Grade Method: REG. — 3 credits
0101 Tu.....4:00pm- 6:30pm (MAH 2407A) — Francescato, G

ITAL Italian — (Arts and Humanities)

A booklet fully describing the courses to be offered is available in the office of the Department of French and Italian, Room 3106 of the Juan Ramon Jimenez building.

ITAL101 Elementary Italian I; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Credit will be granted for only one of the following: ITAL 101 or ITAL 121. — 4 credits
0101 MWF.....9:00am- 9:50am (JMZ 0118) — STAFF
Tu.....9:00am- 9:50am (JMZ 0118)
0201 MWF.....10:00am-10:50am (JMZ 3120) — STAFF
Tu.....10:00am-10:50am (JMZ 3120)
0301 MWF.....11:00am-11:50am (JMZ 0118) — STAFF
Tu.....11:00am-11:50am (JMZ 0118)
0401 MWF.....12:00pm-12:50pm (JMZ 2122) — STAFF
Tu.....12:00pm-12:50pm (JMZ 2120)
0501 MWF.....1:00pm- 1:50pm (COL 0102) — STAFF
Tu.....1:00pm- 1:50pm (JMZ 1224)

ITAL102 Elementary Italian II; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Prerequisite: ITAL 101 or permission of department. — 4 credits
0101 MWF.....9:00am- 9:50am (JMZ 2123) — Amodeo, S
Th.....9:00am- 9:50am (JMZ 0125)
0201 MWF.....11:00am-11:50am (JMZ 2125) — STAFF
Th.....11:00am-11:50am (JMZ 2123)

ITAL121 Accelerated Italian I; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Credit will be granted for only one of the following: ITAL 101 or ITAL 121. — 3 credits
0101 MWF.....1:00pm- 1:50pm (JMZ 2122) — Amodeo, S

ITAL121H Accelerated Italian I; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Credit will be granted for only one of the following: ITAL 101 or ITAL 121. — 3 credits
0101 MWF.....1:00pm- 1:50pm (JMZ 2122) — Amodeo, S

ITAL203 Intermediate Italian; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Prerequisite: ITAL 102 or permission of department. Credit will be granted for only one of the following: ITAL 203 or ITAL 122. — 4 credits
0101 MWThF.....10:00am-10:50am (JMZ 0125) — Russell, C
0201 MWF.....12:00pm-12:50pm (JMZ 0118) — STAFF
Th.....12:00pm-12:50pm (JMZ 0118)

ITAL204 Review Grammar and Composition; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Prerequisite: ITAL 203 or ITAL 122, or permission of department. — 3 credits
0101 MWF.....9:00am- 9:50am (JMZ 3118) — Russell, C

ITAL251 Introduction to Italian Literature; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C Course. Prerequisite: ITAL 204 or ITAL 211 or permission of department. — 3 credits
0101 MWF.....11:00am-11:50am (JMZ 3118) — Russell, C

ITAL311 Italian Conversation: Current Events; Grade Method: REG/P-F/AUD. Prerequisite: ITAL 211 or permission of department. — 3 credits
0101 MWF.....1:00pm- 1:50pm (JMZ 0122) — Russell, C

ITAL352 Italian Literature From the Renaissance to the Present; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C Course. Prerequisite: ITAL 251 or permission of department. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (JMZ 3118) — Falvo, G

ITAL376 The Italian Opera Libretto - in Translation; Grade Method: REG/P-F/AUD. USP Distributive Studies Area C Course. Credit will be granted for only one of the following: ITAL 376 or ITAL 476. — 3 credits
0101 MWF.....10:00am-10:50am (JMZ 2122) — Russell, C

ITAL399 (PermReq) Directed Study in Italian; Grade Method: S-F. Individual Instruction course: contact department or instructor to obtain section number. Supervised work under professor of student's choice with consent of instructor. — 1-3 credits

ITAL476 The Italian Opera Libretto - in Italian; Grade Method: REG/P-F/AUD. Credit will be granted for only one of the following: ITAL 476 or ITAL 376. — 3 credits
0101 MWF.....10:00am-10:50am (JMZ 2122) — Russell, C

ITAL498 Special Topics in Italian Literature: Theater 17th and 18th Century; Grade Method: REG/P-F/AUD. — 3 credits
0101 MWF.....11:00am-11:50am (JMZ 2122) — Amodeo, S

IVSP Individual Studies Program — (Undergraduate Studies)

IVSP318 (PermReq) Individual Studies; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-15 credits

IVSP319 (PermReq) Tutorial Report; Grade Method: S-F. Individual Instruction course: contact department or instructor to obtain section number. — 1 credit

IVSP320 Bachelor's Report; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

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JAPN Japanese — (Arts and Humanities)

JAPN101 Elementary Japanese I; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. — 6 credits
0101 MWF.....9:00am-11:00am (JMZ 0120) — Ramsey, S
0201 MWF.....11:00am- 1:00pm (COL 3112) — Yaginuma, K
0202 MWF.....11:00am- 1:00pm (JMZ 0120) — Miura, E

JAPN205 Intermediate Japanese I; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Prerequisite: JAPN 102 or equivalent. Not open to students who have completed JAPN 201 and JAPN 202. — 6 credits
0101 MWF.....9:00am-10:50am (JMZ 1125) — Miura, E
0201 MWF.....9:00am-10:50am (JMZ 1211) — Sano, T

JAPN301 Advanced Japanese I; Grade Method: REG/P-F/AUD. Prerequisites: JAPN 206 or equivalent. — 3 credits
0101 MWF.....9:00am- 9:50am (JMZ 1124) — Yaginuma, K

JAPN303 Business Japanese I; Grade Method: REG/P-F/AUD. Prerequisite: JAPN 206 or equivalent. — 3 credits
0101 MWF.....10:00am-10:50am (HZF 1101) — Yaginuma, K

JAPN386 (PermReq) Field Work; Grade Method: REG/P-F/AUD. Corequisite: JAPN 387. — 1-3 credits
0101 Time and room to be arranged — Ramsey, S

JAPN387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD. Corequisite: JAPN 386. — 1-3 credits
0101 Time and room to be arranged — Ramsey, S

JAPN401 Readings in Modern Japanese I; Grade Method: REG/P-F/AUD. Prerequisite: JAPN 302 or equivalent. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (JMZ 2117) — Kerkham, H

JAPN418 Japanese Literature in Translation: Buddhism and Japanese Literature; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....11:00am-12:15pm (JMZ 2206) — Kerkham, H

JOUR Journalism — (Journalism)

JOUR101 Professional Orientation; Grade Method: REG. Formerly JOUR 001. Required for JOUR majors but open to campus enrollment. Class meets 15 sessions (1/2 semester). Check schedule on first day of class for exact schedule. — 1 credit
0101 MW.....2:00pm- 2:50pm (ASY 2203) — Stewart, G

JOUR201 Writing For Mass Media; Grade Method: REG. Pre- or corequisite: JOUR 101. Prerequisite: 30 words per minute typing ability; provisional or direct admission to journalism major. Must have at least 28 credits earned. A 5 minute typing test is required. It will be offered August 30 from 12-2pm, September 4 from 2-4pm, and September 6 from 10am-12pm & 2-4pm, in JRN 3102. A proficiency test for applicability of JOUR 201 credit taken at another institution will be given on August 30, 2-4pm, in JRN 3102. Register for the proficiency test in JRN 1117. — 3 credits
0101 M.....12:00pm- 2:00pm (JRN 3103) — STAFF
W.....12:00pm- 2:00pm (JRN 3103) LAB
0201 M.....8:00am-10:00am (JRN 3111) — Allen, M
W.....8:00am-10:00am (JRN 3111) LAB
0301 Tu.....12:00pm- 2:00pm (JRN 3103) — Searing, L
Th.....12:00pm- 2:00pm (JRN 3103) LAB
0401 Tu.....12:00pm- 2:00pm (JRN 3102) — Caldwell, S
Th.....12:00pm- 2:00pm (JRN 3102) LAB
0501 Tu.....4:00pm- 6:00pm (JRN 3102) — Searing, L
Th.....4:00pm- 6:00pm (JRN 3102) LAB
0601 Tu.....6:00pm- 8:00pm (JRN 3103) — Goldman, J
Th.....6:00pm- 8:00pm (JRN 3103) LAB

JOUR202 Editing For the Mass Media; Grade Method: REG. Prerequisite: grade of C or better in JOUR 201. Must have at least 28 credits earned. Majors only. — 3 credits
0101 M.....2:00pm- 4:00pm (JRN 3103) — Stepp Jr., A
W.....2:00pm- 4:00pm (JRN 3103) LAB
0201 M.....10:00am-12:00pm (JRN 3102) — Smith, M
W.....10:00am-12:00pm (JRN 3102) LAB
0301 M.....4:00pm- 6:00pm (JRN 3102) — Smith, M
W.....4:00pm- 6:00pm (JRN 3102) LAB
0401 M.....12:00pm- 2:00pm (JRN 3111) — Burnett, C
W.....12:00pm- 2:00pm (JRN 3111) LAB
0501 Tu.....2:00pm- 4:00pm (JRN 3102) — McAdams, K
Th.....2:00pm- 4:00pm (JRN 3102) LAB
0601 M.....10:00am-12:00pm (JRN 3103) — Obermeyer, H
W.....10:00am-12:00pm (JRN 3103) LAB

JOUR320 News Reporting; Grade Method: REG. Prerequisite: grade of C or better in JOUR 201. For JOUR majors only. — 3 credits
0101 Tu.....10:00am-12:00pm (JRN 3103) — Beasley, M
Th.....10:00am-12:00pm (JRN 3103) LAB
0201 Tu.....8:00am-10:00am (JRN 3103) — Sheler, S
Th.....8:00am-10:00am (JRN 3103) LAB
0301 M.....2:00pm- 4:00pm (JRN 3111) — Holman, B
W.....2:00pm- 4:00pm (JRN 3111) LAB

JOUR321 Advanced Reporting: Public Affairs; Grade Method: REG. Prerequisite: JOUR 320. Majors only. Offered in fall semester only. — 3 credits
0101 MW.....2:00pm- 4:00pm (JRN 3102) — Smith, M

JOUR323 Newspaper Editing; Grade Method: REG. Prerequisite: grade of C or better in JOUR 202. Majors only. — 3 credits
0101 W.....10:00am-12:00pm (JRN 1116) — Stepp Jr , A
Time and room to be arranged LAB

JOUR328 Specialized News Reporting; Grade Method: REG/P-F/AUD. This course is tied into off-campus reporting bureau experience. Contact instructor for more information. — 3 credits
0101 Time and room to be arranged — Callahan, C
0201 Time and room to be arranged — Gallman, V

JOUR330 Public Relations Theory; Grade Method: REG. Prerequisite: grade of C or better in JOUR 201. Open to majors and BMGT 0515A (PRL) and BMGT 05090 (MKT) only. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (JRN 1105) — Grunig, J

JOUR331 Public Relations Techniques; Grade Method: REG. Prerequisites: JOUR 330; and grade of C or better in JOUR 202. Majors only. — 3 credits
0101 Tu.....4:00pm- 6:00pm (JRN 3111) — Zerbinos, E
Th.....4:00pm- 6:00pm (JRN 3111) LAB
0201 Tu.....12:00pm- 2:00pm (JRN 3111) — Caldwell, S
Th.....12:00pm- 2:00pm (JRN 3111) LAB

JOUR332 Specialized Writing in Public Relations; Grade Method: REG. Prerequisite: grade of C or better in JOUR 201. Recommended: JOUR 330. — 3 credits
0101 M.....4:00pm- 6:00pm (JRN 3103) — Caldwell, S
W.....4:00pm- 6:00pm (JRN 3103) LAB

JOUR340 Advertising Communication; Grade Method: REG. Prerequisite: grade of C or better in JOUR 201. Open to majors and BMGT 0515A (PRL) and BMGT 05090 (MKT) only. — 3 credits
0101 TuTh.....9:30am-10:45am (JRN 1104) — Zanot, E

JOUR341 Advertising Techniques; Grade Method: REG. Prerequisites: JOUR 340; and grade of C or better in JOUR 202. Majors only. — 3 credits
0101 Tu.....2:00pm- 4:00pm (JRN 3111) — Zanot, E
Th.....2:00pm- 4:00pm (JRN 3111) LAB
0201 Th.....6:00pm- 8:00pm (JRN 3111) — Miller, K
Th.....8:00pm-10:00pm (JRN 3111) LAB

JOUR342 Advertising Media Planning; Grade Method: REG. Prerequisite: JOUR 340. — 3 credits
0101 TuTh.....8:00am- 9:15am (JRN 3111) — Keenan, K
0201 TuTh.....9:30am-10:45am (JRN 3111) — Keenan, K

JOUR350 Photojournalism; Grade Method: REG. Prerequisite: grade of C or better in JOUR 201. Not open to students who have completed JOUR 372. Student must provide a camera. Materials cost approximately $130. Majors only. — 3 credits
0101 M.....2:00pm- 4:00pm (JRN 1105) — Roche, J
M.....4:00pm- 6:00pm (JRN 1103) LAB

JOUR360 Broadcast News I; Grade Method: REG. Prerequisite: grade of C or better in JOUR 201. Additional 3 hours per week required at UMUC. Majors only. — 3 credits
0101 TuTh.....6:00pm- 8:00pm (JRN 3102) — Stemple, R
0201 TuTh.....2:00pm- 4:00pm (JRN 3103) — Barkin, S

JOUR361 Broadcast News II; Grade Method: REG. Prerequisite: JOUR 360. Majors only. — 3 credits
0101 Tu.....1:00pm- 2:00pm (JRN 1104) — Rhodes, C
Tu.....2:00pm- 6:00pm (JRN 1103) LAB
0201 Tu.....1:00pm- 2:00pm (JRN 1104) — Rhodes, C
Th.....2:00pm- 6:00pm (JRN 1101) LAB

JOUR365 Theory of Broadcast Journalism; Grade Method: REG/P-F/AUD. Offered in fall semester only. — 3 credits
0101 MW.....11:00am-12:15pm (JRN 1104) — Holman, B

JOUR371 Magazine Article and Feature Writing; Grade Method: REG. Prerequisite: JOUR 320. Majors only. — 3 credits
0101 M.....6:00pm- 8:00pm (JRN 3103) — Paterson, J
W.....6:00pm- 8:00pm (JRN 3103) LAB
0201 Tu.....7:00pm- 9:45pm (JRN 3111) — Bussey, C

JOUR373 Graphics; Grade Method: REG. Prerequisite: grade of C or better in JOUR 202. Majors only. — 3 credits
0101 M.....12:00pm- 2:00pm (JRN 3102) — Miller, A
W.....12:00pm- 2:00pm (JRN 3102) LAB
0201 M.....8:00am-10:00am (JRN 3102) — Miller, A
W.....8:00am-10:00am (JRN 3102) LAB

JOUR380 Science Writing for Magazines and Newspapers; Grade Method: REG/P-F/AUD. Prerequisite: JOUR 320 or permission of department. — 3 credits
0101 W.....7:00pm- 9:45pm (JRN 3111) — STAFF

JOUR398 Supervised Internship; Grade Method: REG. Prerequisites: grade of C or better in JOUR 202; and first course of journalism sequence related to techniques (i.e. JOUR 320; or JOUR 331; or JOUR 341; or JOUR 350; or JOUR 360; or JOUR 380) and permission of department. Majors only. Ask in JRN 1118 for meeting time and place. Registration must be approved by instructor before the end of drop/add period. — 3 credits
0101 Time and room to be arranged — Kay, L

JOUR397 Professional Seminar; Grade Method: REG/P-F/AUD. Prerequisites: grade of C or better in JOUR 201; and permission of department. This course is tied to the off-campus reporting bureau experience. Contact instructor for more information. — 3 credits
0101 Time and room to be arranged — Callahan, C
0201 Time and room to be arranged — Gallman, V

JOUR398 (PermReq) Independent Study; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

JOUR400 Law of Mass Communication; Grade Method: REG. Restricted to students having earned at least 53 credits. — 3 credits
0101 Tu.....7:00pm- 9:45pm (ASY 2203) — Sullivan, M

JOUR440 Readings in Journalism Literature; Grade Method: REG/P-F/AUD. Prerequisite: JOUR 320 or permission of department. — 3 credits
0101 MW.....2:00pm- 3:15pm (JRN 1104) — Paterson, J

JOUR459A Special Topics in Mass Communication: Coverage of Civil Rights Movement; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....11:00am-12:15pm (JRN 1105) — Roberts, E

JOUR459V Special Topics in Mass Communication: Visual Communications; Grade Method: REG. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (JRN 1104) — Roche, J

JOUR477 Mass Communication Research; Grade Method: REG/P-F/AUD. Prerequisite: MATH 110 or equivalent; students are encouraged to have completed the theory and technique courses in their major sequence. Restricted to students having earned at least 53 credits. — 3 credits
0101 MW.....9:30am-10:45am (JRN 1105) — Newhagen, J
0201 TuTh.....9:30am-10:45am (JRN 1105) — Cordes, J

JOUR481 Writing the Complex Story; Grade Method: REG/P-F/AUD. Pre- or corequisite: JOUR 371. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (JRN 1116) — Roberts, E

JOUR484 Advertising Campaigns; Grade Method: REG/P-F/AUD. Prerequisite: JOUR 341; and JOUR 342. — 3 credits
0101 Tu.....7:00pm- 9:45pm (JRN 1104) — STAFF

JOUR501 Fundamentals of Writing and Editing; Grade Method: REG/AUD. — 3 credits
0101 Tu.....10:00am-12:00pm (JRN 3102) — McAdams, K
Th.....10:00am-12:00pm (JRN 3102) LAB

JOUR600 Research Methods in Mass Communication; Grade Method: REG/AUD. — 3 credits
0101 W.....4:15pm- 7:00pm (JRN 1116) — Newhagen, J

JOUR601 Theories of Mass Communication; Grade Method: REG/AUD. — 3 credits
0101 W.....7:00pm- 9:45pm (JRN 1116) — Gurevitch, M
0201 Th.....4:15pm- 7:00pm (JRN 1116) — Newhagen, J

JOUR620 Seminar in Public Affairs Reporting; Grade Method: REG/AUD. Prerequisite: JOUR 320. — 3 credits
0101 M.....9:00am-12:00pm (JRN 1116) — Stepp Jr., A

JOUR630 Seminar in Public Relations Management; Grade Method: REG/AUD. — 3 credits
0101 M.....7:00pm- 9:45pm (JRN 1116) — Grunig, J

JOUR698 (PermReq) Special Problems in Communication; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

JOUR700 (PermReq) Introduction to Doctoral Study in Journalism; Grade Method: REG/AUD. Prerequisite: Admission to Ph.D. program in journalism. — 3 credits
0101 F.....9:00am-12:00pm (JRN 1116) — Levy, M

JOUR710 Seminar in Mass Media History; Grade Method: REG/AUD. — 3 credits
0101 Tu.....4:15pm- 7:00pm (JRN 1116) — Beasley, M

JOUR728 Topics in Public Affairs Reporting; Grade Method: REG/AUD. This course is tied into the off-campus reporting bureau experience. Contact instructor for more information. — 3 credits
0101 Time and room to be arranged — Callahan, C
0201 Time and room to be arranged — Gallman, V

JOUR729 Reporting from Annapolis and Washington; Grade Method: REG/AUD. This course is tied into the off-campus reporting bureau experience. Contact instructor for more information. — 6 credits
0101 Time and room to be arranged LAB — Callahan, C
0201 Time and room to be arranged LAB — Gallman, V

JOUR730 Seminar in Comparative Mass Communication; Grade Method: REG/AUD. — 3 credits
0101 M.....4:15pm- 7:00pm (JRN 1116) — Hiebert, R

JOUR760 Seminar in Broadcast News; Grade Method: REG/AUD. — 3 credits
0101 Tu.....9:00am-12:00pm (JRN 1116) — Gurevitch, M

JOUR798 (PermReq) Masters Professional Fieldwork; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 2-6 credits

JOUR799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

JOUR888 (PermReq) Doctoral Practicum in Journalism; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 3-9 credits

JOUR889 (PermReq) Doctoral Tutorial in Journalism; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 3-9 credits

JOUR899 (PermReq) Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

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KNES Kinesiology — (Hlth & Human Performance)

KNES1000 Physical Education Activities: Men: Basketball (Intermediate); Grade Method: REG/P-F. — 2 credits
0001 MW.....1:00pm- 3:00pm (HHP 2240) LAB — STAFF
0002 TuTh.....3:00pm- 5:00pm (HHP 2240) LAB — STAFF
0003 MW.....10:00am-12:00pm (HHP 2240) LAB — STAFF

KNES100P Physical Education Activities: Men: Basketball (Advanced); Grade Method: REG/P-F. — 2 credits
0001 TuTh.....8:00pm-10:00pm (HHP 2240) LAB STAFF

KNES131V Physical Education Activities: Coed: Jogging; Grade Method: REG/P-F. — 2 credits
0001 MW.....2:00pm- 4:00pm (HHP 0102) LAB STAFF
0002 TuTh.....2:00pm- 4:00pm (HHP 1120) LAB STAFF

KNES132N Physical Education Activities: Coed: Badminton, (Beginning); Grade Method: REG/P-F. Meets first eight weeks only. Schedule Adjustment Period is 9/3 -9/9. Students are expected to attend classes beginning 9/3/91. — 1 credit
0001 Meets 09/03/91 - 10/18/91 STAFF
TuTh.....3:00pm- 5:00pm (HHP 2101) LAB

KNES134N Physical Education Activities: Coed: Bowling (Beginning); Grade Method: REG/P-F. Students must pay a $10.00 facility fee. Bowling shoes required. May be rented for $0.60 per session. — 2 credits
0001 MW.....8:00am-10:00am (SSU B0100) LAB STAFF
0002 MW.....2:00pm- 4:00pm (SSU B0100) LAB STAFF
0003 TuTh.....10:00am-12:00pm (SSU B0100) LAB STAFF
0004 TuTh.....12:00pm- 2:00pm (SSU B0100) LAB STAFF

KNES134O Physical Education Activities: Coed: Bowling (Intermediate); Grade Method: REG/P-F. Students must pay a $10.00 facility fee. Bowling shoes required. May be rented for $0.60 per session. — 2 credits
0001 MW.....10:00am-12:00pm (SSU B0100) LAB STAFF
0002 MW.....12:00pm- 2:00pm (SSU B0100) LAB STAFF
0003 TuTh.....2:00pm- 4:00pm (SSU B0100) LAB STAFF

KNES136N Physical Education Activities: Coed: Fencing (Beginning); Grade Method: REG/P-F. Meets second eight weeks only. Schedule Adjustment Period is 10/21 - 10/25. Students are expected to attend classes beginning 10/21/91. — 1 credit
0001 Meets 10/21/91 - 12/11/91 STAFF
TuTh.....1:00pm- 3:00pm (HHP 0107) LAB

KNES137N Physical Education Activities: Coed: Golf (Beginning); Grade Method: REG/P-F. Meets first eight weeks only. Meets in golf range classroom. Schedule Adjustment Period is 9/3 - 9/9. Students are expected to attend classes beginning 9/3/91. — 1 credit
0001 Meets 09/03/91 - 10/18/91 STAFF
MW.....10:00am-12:00pm (GLF 1102) LAB
0002 Meets 09/03/91 - 10/18/91 STAFF
MW.....12:00pm- 2:00pm (GLF 1102) LAB
0003 Meets 09/03/91 - 10/18/91 STAFF
TuTh.....8:00am-10:00am (GLF 1102) LAB

KNES137O Physical Education Activities: Coed: Golf (Intermediate); Grade Method: REG/P-F. Meets first eight weeks only. Meets in golf range classroom. Schedule Adjustment Period is 9/3 - 9/9. Students are expected to attend classes beginning 9/3/91. — 1 credit
0001 Meets 09/03/91 - 10/18/91 STAFF
TuTh.....12:00pm- 2:00pm (GLF 1102) LAB

KNES137P Physical Education Activities: Coed: Golf (Advanced); Grade Method: REG/P-F. Meets first eight weeks only. Meets in golf range classroom. Schedule Adjustment Period is 9/3 - 9/9. Students are expected to attend classes beginning 9/3/91. — 1 credit
0001 Meets 09/03/91 - 10/18/91 STAFF
MW.....2:00pm- 4:00pm (GLF 1102) LAB

KNES140V Physical Education Activities: Coed: Gymnastics, Tumbling and Balancing (Beginning); Grade Method: REG/P-F. — 2 credits
0001 TuTh.....1:00pm- 3:00pm (HHP 1120) LAB STAFF

KNES144Q Physical Education Activities: Coed: Martial Arts, Karate (Beginning); Grade Method: REG/P-F. — 2 credits
0001 MW.....8:00am-10:00am (HHP 0107) LAB STAFF
0002 MW.....10:00am-12:00pm (HHP 0107) LAB STAFF
0003 MW.....3:00pm- 5:00pm (HHP 0107) LAB STAFF

KNES144R Physical Education Activities: Coed: Martial Arts and Karate (Intermediate); Grade Method: REG/P-F. — 2 credits
0001 TuTh.....10:00am-12:00pm (HHP 0107) LAB STAFF

KNES144T Physical Education Activities: Coed: Martial Arts, Self Defense; Grade Method: REG/P-F. — 2 credits
0001 TuTh.....7:00pm- 9:00pm (HHP 0107) Miller, J
0002 MW.....1:00pm- 3:00pm (HHP 0107) Graham, W

KNES146N Physical Education Activities: Coed: Racquetball (Beginning); Grade Method: REG/P-F. — 1 credit
0001 MWF.....9:00am- 9:50am (HHP 0222) LAB STAFF
0002 MWF.....10:00am-10:50am (HHP 0222) LAB STAFF
0003 MWF.....1:00pm- 1:50pm (HHP 0222) LAB STAFF
0004 MWF.....2:00pm- 2:50pm (HHP 0222) LAB STAFF
0005 MWF.....3:00pm- 3:50pm (HHP 0222) LAB STAFF
0006 TuTh.....2:00pm- 3:15pm (HHP 0222) LAB STAFF

KNES146O Physical Education Activities: Coed: Racquetball (Intermediate); Grade Method: REG/P-F. — 1 credit
0001 TuTh.....10:00am-11:15am (HHP 0222) LAB STAFF

KNES147N Physical Education Activities: Coed: Scuba (Beginning); Grade Method: REG/P-F. — 2 credits
0001 MWF.....8:00am- 8:50am (COL 0104) Landers Jr., R
MWF.....8:00am- 8:50am (COL 1206) LAB
0002 TuTh.....8:00am- 9:15am (COL 0104) Landers Jr., R
TuTh.....8:00am- 9:15am (COL 1206) LAB
0003 TuTh.....10:00am-11:15am (COL 0100) Landers Jr., R
TuTh.....10:00am-11:15am (COL 1206) LAB

KNES152N Physical Education Activities: Coed: Soccer (Beginning); Grade Method: REG/P-F. Meets first eight weeks only. Schedule Adjustment Period is 9/3 - 9/9. Students are expected to attend classes beginning 9/3/91. — 1 credit
0001 Meets 09/03/91 - 10/18/91 STAFF
MW.....1:00pm- 3:00pm (HHP 2101) LAB

KNES154N Physical Education Activities: Coed: Swimming (Beginning); Grade Method: REG/P-F. Section 0001 is strictly for non-swimmers. — 1 credit
0001 MWF.....12:00pm-12:50pm (PKT 1112) LAB STAFF

KNES154O Physical Education Activities: Coed: Swimming (Intermediate); Grade Method: REG/P-F. — 1 credit
0001 TuTh.....1:00pm- 2:00pm (PKT 1112) LAB STAFF

KNES154P Physical Education Activities: Coed: Swimming (Advanced); Grade Method: REG/P-F. — 2 credits
0001 MW.....9:00am-11:00am (COL 1206) LAB STAFF

KNES154T Physical Education Activities: Coed: Swimming, Fitness (Beginning); Grade Method: REG/P-F. — 1 credit
0001 MWF.....1:00pm- 1:50pm (PKT 1112) LAB STAFF

KNES154U Physical Education Activities: Coed: Swimming, Fitness (Intermediate); Grade Method: REG/P-F. — 1 credit
0001 MWF.....2:00pm- 2:50pm (PKT 1112) LAB STAFF

KNES154W Physical Education Activities: Coed: Swimming/Lifeguard Training; Grade Method: REG/P-F. Advanced swimming ability is a prerequisite. — 2 credits
0001 TuTh.....9:00am-11:00am (PKT 1112) LAB STAFF

KNES154Y Physical Education Activities: Coed: Swimming, Water Safety Instructor; Grade Method: REG/P-F. Prerequisite: current certification in emergency water safety or life saving/life guarding. — 2 credits
0001 MW.....10:00am-12:00pm (PKT 1112) LAB STAFF

KNES155N Physical Education Activities: Coed: Tennis (Beginning); Grade Method: REG/P-F. Meets first eight weeks only. Schedule Adjustment Period is 9/3 - 9/9. Students are expected to attend classes beginning 9/3/91. — 1 credit
0001 Meets 09/03/91 - 10/18/91 STAFF
MW.....3:00pm- 5:00pm (HHP 2101) LAB
0002 Meets 09/03/91 - 10/18/91 STAFF
MW.....8:00am-10:00am (COL 1100) LAB
0003 Meets 09/03/91 - 10/18/91 STAFF
TuTh.....1:00pm- 3:00pm (HHP 2240) LAB
0004 Meets 09/03/91 - 10/18/91 STAFF
MW.....10:00am-12:00pm (HHP 2101) LAB
0005 Meets 09/03/91 - 10/18/91 STAFF
MW.....1:00pm- 3:00pm (COL 1100) LAB
0006 Meets 09/03/91 - 10/18/91 STAFF
MW.....1:00pm- 3:00pm (HHP 2101) LAB
0007 Meets 09/03/91 - 10/18/91 STAFF
TuTh.....8:00am-10:00am (COL 1100) LAB
0008 Meets 09/03/91 - 10/18/91 STAFF
TuTh.....10:00am-12:00pm (COL 1100) LAB

KNES155O Physical Education Activities: Coed: Tennis (Intermediate); Grade Method: REG/P-F. Meets first eight weeks only. Schedule Adjustment Period is 9/3 - 9/9. Students are expected to attend classes beginning 9/3/91. — 1 credit
0001 Meets 09/03/91 - 10/18/91 STAFF
MW.....10:00am-12:00pm (COL 1100) LAB
0002 Meets 09/03/91 - 10/18/91 STAFF
TuTh.....1:00pm- 3:00pm (COL 1100) LAB
0003 Meets 09/03/91 - 10/18/91 STAFF
MW.....2:00pm- 4:00pm (HHP 2240) LAB
0004 Meets 09/03/91 - 10/18/91 STAFF
TuTh.....8:00am-10:00am (HHP 2240) LAB

KNES155P Physical Education Activities: Coed: Tennis (Advanced); Grade Method: REG/P-F. Meets first eight weeks only. Section 0001 includes tournament preparation/advanced drills. Schedule Adjustment Period is 9/3 - 9/9. Students are expected to attend classes beginning 9/3/91. — 1 credit
0001 Meets 09/03/91 - 10/18/91 STAFF
TuTh.....3:00pm- 5:00pm (HHP 2101) LAB

KNES157N Physical Education Activities: Coed: Weight Training (Beginning); Grade Method: REG/P-F. — 1 credit
0001 MWF.....8:00am- 8:50am (HHP 0103) LAB STAFF
0002 MW.....2:00pm- 3:15pm (HHP 0103) LAB STAFF
0003 MWF.....10:00am-10:50am (HHP 0103) LAB STAFF
0004 MWF.....1:00pm- 1:50pm (HHP 0103) LAB STAFF
0005 TuTh.....4:00pm- 5:15pm (HHP 0103) LAB STAFF
0006 MW.....3:00pm- 4:15pm (HHP 0103) LAB STAFF
0007 MW.....4:00pm- 5:15pm (HHP 0103) LAB STAFF
0008 TuTh.....8:00am- 9:15am (HHP 0103) LAB STAFF
0009 TuTh.....11:00am-12:15pm (HHP 0103) LAB STAFF
0010 TuTh.....3:00pm- 4:15pm (HHP 0103) LAB STAFF

KNES157O Physical Education Activities: Coed: Weight Training (Intermediate); Grade Method: REG/P-F. — 1 credit
0001 MWF.....11:00am-11:50am (HHP 0103) LAB STAFF
0002 MWF.....12:00pm-12:50pm (HHP 0103) LAB STAFF
0003 TuTh.....12:00pm- 1:15pm (HHP 0103) LAB STAFF
0004 MWF.....9:00am- 9:50am (HHP 0103) LAB STAFF

KNES157Q Physical Education Activities: Coed: Body Building; Grade Method: REG/P-F. — 1 credit
0001 TuTh.....1:00pm- 1:50pm (HHP 0103) LAB STAFF
0002 TuTh.....2:00pm- 2:50pm (HHP 0103) LAB STAFF

KNES160N Physical Education Activities: Coed: Volleyball (Beginning); Grade Method: REG/P-F. Meets second eight weeks only. Schedule Adjustment Period is 10/21 - 10/25. Students are expected to attend classes beginning 10/21/91. — 1 credit
0001 Meets 10/21/91 - 12/11/91 STAFF
MW.....10:00am-12:00pm (HHP 2101) LAB
0002 Meets 10/21/91 - 12/11/91 STAFF
TuTh.....10:00am-12:00pm (HHP 2101) LAB

KNES160O Physical Education Activities: Coed: Volleyball (Intermediate); Grade Method: REG/P-F. Meets second eight weeks only. Schedule Adjustment Period is 10/21 - 10/25. Students are expected to attend classes beginning 10/21/91. — 1 credit
0001 Meets 10/21/91 - 12/11/91 STAFF
MW.....1:00pm- 3:00pm (HHP 2101) LAB
0002 Meets 10/21/91 - 12/11/91 STAFF
TuTh.....3:00pm- 5:00pm (HHP 2101) LAB

KNES160P Physical Education Activities: Coed: Volleyball (Advanced); Grade Method: REG/P-F. — 2 credits
0001 MW.....3:00pm- 5:00pm (HHP 2101) LAB STAFF

KNES161Q Physical Education Activities: Coed: Conditioning (Aerobic Dance-Beginning); Grade Method: REG/P-F. — 2 credits
0001 TuTh.....4:00pm- 6:00pm (HHP 0102) LAB STAFF
0002 MW.....10:00am-12:00pm (HHP 0102) LAB STAFF
0003 TuTh.....2:00pm- 4:00pm (HHP 0102) LAB STAFF
0004 TuTh.....1:00pm- 3:00pm (HHP 2240) LAB STAFF
0005 TuTh.....7:00pm- 9:00pm (HHP 0102) LAB STAFF
0006 MW.....4:00pm- 6:00pm (HHP 0102) LAB STAFF

KNES161S Physical Education Activities: Coed: Conditioning (Aerobic Dance-Intermediate); Grade Method: REG/P-F. — 2 credits
0001 MW.....3:00pm- 5:00pm (HHP 2240) LAB STAFF
0002 TuTh.....10:00am-12:00pm (HHP 0102) LAB STAFF

Physical Education Professional Courses

KNES180 Foundations of Physical Education; Grade Method: REG/P-F/AUD. Formerly PHED 180. — 3 credits
0101 TuTh.....8:00am- 9:15am (HHP 2132) STAFF

KNES182 Rhythmic Activities; Grade Method: REG/P-F/AUD. Formerly PHED 182. — 2 credits
0101 TuTh.....12:00pm- 1:15pm (HHP 0107) LAB STAFF

KNES200 Gymnastics Skills Laboratory; Grade Method: REG/P-F/AUD. Formerly PHED 200. — 2 credits
0101 MW.....1:00pm- 3:00pm (HHP 1120) LAB Murray, J

KNES202 Badminton Skills Laboratory; Grade Method: REG/P-F/AUD. Formerly PHED 202. Meets first eight weeks only. Schedule Adjustment Period is 9/3 - 9/9. Students are expected to attend classes beginning 9/3/91. — 1 credit
0101 Meets 09/03/91 - 10/18/91 STAFF
TuTh.....1:00pm- 3:00pm (HHP 2101) LAB

KNES204 Basketball Skills Laboratory; Grade Method: REG/P-F/AUD. Formerly PHED 204. Meets second eight weeks only. Schedule Adjustment Period is 10/21 - 10/25. Students are expected to attend classes beginning 10/21/91. — 1 credit
0101 Meets 10/21/91 - 12/11/91 STAFF
TuTh.....10:00am-12:00pm (HHP 2240) LAB

KNES214 Soccer Skills Laboratory; Grade Method: REG/P-F/AUD. Formerly PHED 214. Meets first eight weeks only. Schedule Adjustment Period is 9/3 - 9/9. Students are expected to attend classes beginning 9/3/91. — 1 credit
0101 Meets 09/03/91 - 10/18/91 STAFF
TuTh.....10:00am-12:00pm (COL 1100) LAB

KNES218 (PermReq) Laboratory in Teaching; Grade Method: REG/P-F. — 1 credit
0101 Time and room to be arranged Wrenn, J

KNES221 Volleyball Skills Laboratory; Grade Method: REG/P-F/AUD. Formerly PHED 221. Meets second eight weeks only. Schedule Adjustment Period is 10/21 - 10/25. Students are expected to attend classes beginning 10/21/91. — 1 credit
0101 Meets 10/21/91 - 12/11/91 STAFF
TuTh.....1:00pm- 3:00pm (HHP 2101) LAB

KNES261 Development of Endurance and Strength Fitness; Grade Method: REG/P-F/AUD. Formerly PHED 261. — 3 credits
0101 MWF.....1:00pm- 1:50pm (HHP 0307) STAFF

KNES267 Sport and American Society; Grade Method: REG/P-F/AUD. USP Distributive Studies Area D Course. Formerly PHED 287. — 3 credits
0101 MWF.....10:00am-10:50am (HHP 1312) Vander Velden,

KNES289 (PermReq) Topical Investigations; Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

KNES293 History of Sport in America; Grade Method: REG/P-F/AUD. CORE Distributive Studies Social or Political History Course. USP Distributive Studies Area A Course. Formerly PHED 293. — 3 credits
0101 TuTh.....9:30am-10:45am (HHP 1312) Struna, N

KNES300 Biomechanics of Human Motion; Grade Method: REG/P-F/AUD. Prerequisites: ZOOL 201; and ZOOL 202. Formerly PHED 300. — 4 credits
0101 TuTh.....1:00pm- 4:00pm (HHP 2132) Kelley, D
0201 TuTh.....9:00am-12:00pm (HHP 1301) Caldwell, G

KNES314 Methods in Physical Education; Grade Method: REG/P-F/AUD. Formerly PHED 314. — 3 credits
0101 MW.....10:00am-12:00pm (HHP 2132) Arrighi, M

KNES335 Swimming Pool Management; Grade Method: REG/P-F/AUD. Formerly PHED 335. — 2 credits
0101 TuTh.....9:00am- 9:50am (COL 0104) Wenhold, J

KNES340 Theory of Coaching Athletics; Grade Method: REG/P-F/AUD. Formerly PHED 340. — 2 credits
0101 MW.....12:00pm-12:50pm (HHP 1301) Drum, B

KNES350 The Psychology of Sports; Grade Method: REG/P-F/AUD. USP Distributive Studies Area D Course. Formerly PHED 350. — 3 credits
0101 W.....4:00pm- 6:30pm (HHP 1301) Steel, D
0201 TuTh.....2:00pm- 3:15pm (HHP 1301) Steel, D
0301 MWF.....10:00am-10:50am (HHP 1303) Hatfield, B
0401 TuTh.....3:00pm- 4:15pm (HHP 1303) Brown, E

KNES360 Physiology of Exercise; Grade Method: REG/P-F/AUD. USP Distributive Studies Area B Course. Prerequisites: ZOOL 201; and ZOOL 202); or permission of department. Formerly PHED 360. — 3 credits
0101 TuTh.....10:00am-12:00pm (HHP 2132) Vaccaro, P
0201 TuTh.....1:00pm- 3:00pm (HHP 1303) Ryder, M

KNES362 Philosophy of Sport; Grade Method: REG/AUD. USP Advanced Studies Development of Knowledge Course. Formerly PHED 362. — 3 credits
0101 MWF.....10:00am-10:50am (HHP 0306) Hult, J

KNES370 Motor Development; Grade Method: REG/P-F/AUD. Formerly PHED 370. — 3 credits
0101 M.....7:00pm- 9:30pm (HHP 1312) Clark, J
M.....6:00pm- 7:00pm (HHP 0303) LAB
0102 M.....7:00pm- 9:30pm (HHP 1312) Clark, J
M.....12:00pm- 1:00pm (HHP 1303) LAB
0103 M.....7:00pm- 9:30pm (HHP 1312) Clark, J
M.....1:00pm- 2:00pm (HHP 1303) LAB

KNES381 Prevention and Care of Athletic Injuries; Grade Method: REG/P-F/AUD. Prerequisites: ZOOL 201; and ZOOL 202. Formerly PHED 381. — 3 credits
0101 F.....8:00am-10:00am (HHP 1303) Bush, J
MW.....9:00am- 9:50am (HHP 1303) LAB

KNES385 Motor Learning and Skilled Performance; Grade Method: REG/P-F/AUD. USP Distributive Studies Area D Course. Formerly PHED 385. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (HHP 1301) Tyler, R

KNES389 (PermReq) Topical Investigations; Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. Permission of instructor required. — 1-3 credits

KNES389E Topical Investigations: Children's Development Clinic; Grade Method: REG/P-F/AUD. — 1 credit
0101 Sa.....8:30am-12:30pm (HHP 0103) Hahn, P

KNES389K (PermReq) Topical Investigations: Kinesiological Science Option; Grade Method: REG. — 3 credits
0101 Time and room to be arranged Wrenn, J

KNES402 Biomechanics of Sport; Grade Method: REG/P-F/AUD. Prerequisite: KNES 300. Formerly PHED 402. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (HHP 0307) Phillips, S

KNES421 Elementary School Physical Education: A Movement Approach; Grade Method: REG/P-F/AUD. Prerequisite: KNES 183. Formerly PHED 421. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (HHP 0303) Epstein, K

KNES455 Scientific Bases of Athletic Conditioning; Grade Method: REG/P-F/AUD. Prerequisite: KNES 360. Formerly PHED 455. — 3 credits
0101 Tu.....4:00pm- 6:30pm (HHP 1302) SantaMaria, D

KNES461 Exercise and Body Composition; Grade Method: REG/P-F/AUD. Prerequisite: KNES 360. Formerly PHED 461. — 3 credits
0101 W.....7:00pm- 9:30pm (HHP 0306) Ryder, M

KNES480 Measurement in Physical Education; Grade Method: REG/P-F/AUD. Prerequisite: MATH 110. Formerly PHED 480. — 3 credits
0101 MW.....1:00pm- 3:00pm (HHP 1302) Steel, D

KNES481 Biophysical Aspects of Human Movement; Grade Method: REG/P-F/AUD. Prerequisites: KNES 300; and KNES 360; and KNES 370; and KNES 385. Formerly PHED 481. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (HHP 0305) SantaMaria, D

KNES486 Politics and Economics of Organized Contemporary Sport; Grade Method: REG/P-F/AUD. Prerequisite: KNES 287. Formerly PHED 486. — 3 credits
0101 MW.....1:00pm- 2:15pm (HHP 0305) Vander Velden,

KNES490 Administration of Physical Education and Sport; Grade Method: REG/P-F/AUD. Prerequisite: KNES 180 or KNES 287. Formerly PHED 490. — 3 credits
0101 W.....7:00pm- 9:30pm (HHP 1301) Scott, M

KNES492 History of the Sportswoman in American Organizations; Grade Method: REG/P-F/AUD. CORE Distributive Studies Cultural Diversity Course. Prerequisite: KNES 293. Formerly PHED 492. — 3 credits
0101 MWF.....8:00am- 8:50am (HHP 1302) Hult, J

KNES496 Quantitative Methods; Grade Method: REG/P-F/AUD. Formerly PHED 496. — 3 credits
0101 M.....4:00pm- 6:30pm (HHP 1301) Dotson, C

KNES497 Independent Studies Seminar; Grade Method: REG/P-F. Formerly PHED 497. — 3 credits
0101 MWF.....9:00am- 9:50am (HHP 2132) Tyler

KNES498 (PermReq) Special Topics in Physical Education; Grade Method: REG/P-F/AUD. — 3 credits
0101 Time and room to be arranged Wrenn, J

KNES620 Analysis of Contemporary Athletics; Grade Method: REG/AUD. Formerly PHED 620. — 3 credits
0101 Tu.....4:00pm- 6:30pm (HHP 0302) Chalip, L

KNES630 Sociology of Sport in Contemporary Perspective; Grade Method: REG/AUD. Formerly PHED 630. — 3 credits
0101 W.....7:00pm- 9:30pm (HHP 0303) Vander Velden,

KNES641 Analysis of Teaching Behavior in Physical Education; Grade Method: REG/AUD. Formerly PHED 641. — 3 credits
0101 W.....4:00pm- 6:30pm (HHP 2132) Arrighi, M

KNES650 Mental and Emotional Aspects of Sports and Recreation; Grade Method: REG/AUD. Prerequisite: KNES 350. Formerly PHED 650. — 3 credits
0101 Th.....4:00pm- 6:30pm (HHP 1302) Hatfield, B

KNES662 Readings in American Sport History; Grade Method: REG/AUD. Formerly PHED 662. — 3 credits
0101 Tu.....4:00pm- 6:30pm (HHP 0303) Struna, N

KNES675 Photo-analysis of Human Motion; Grade Method: REG/AUD. Prerequisite: KNES 300 or permission of department. Formerly PHED 675. — 3 credits
0101 Tu.....4:00pm- 6:30pm (HHP 0305) Phillips, S

KNES689 (PermReq) Special Problems in Physical Education; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

KNES689A (PermReq) Special Problems in Physical Education: Foundations of Sport Management; Grade Method: REG/AUD. — 3 credits
0101 Th.....7:00pm- 9:30pm (HHP 0305) Chalip, L

KNES689N Special Problems in Physical Education: Designing Programs for Adolescent Learners; Grade Method: REG/AUD. — 3 credits
0101 Tu.....4:00pm- 6:30pm (HHP 1301) Ennis, C

KNES689Q Special Problems in Physical Education: Intermediate Quantitative Methods; Grade Method: REG/AUD. — 3 credits
0101 Tu.....7:00pm- 9:30pm (HHP 0301) Dotson, C

KNES689R Special Problems in Physical Education: — 3 credits

Contemporary Issues in Physical Education and Sport; Grade Method: REG/AUD.
0101 M.....4:00pm- 6:30pm (HHP 2132) Scott, M

KNES689U Special Problems in Physical Education: Development of Human Locomotion; Grade Method: REG/AUD. 3 credits
0101 Th.....4:00pm- 6:30pm (HHP 2132) Clark, J

KNES690 Scientific Bases of Exercise; Grade Method: REG/AUD. Prerequisites: KNES 300; and KNES 360. Formerly PHED 690. 3 credits
0101 Tu.....4:00pm- 6:30pm (HHP 0307) Vaccaro, P

KNES691 Muscular Aspects of Exercise Physiology; Grade Method: REG/AUD. Prerequisite: KNES 360. Formerly PHED 691. 3 credits
0101 Tu.....4:00pm- 6:30pm (HHP 2132) Clarke, D

KNES692 Cardiovascular Aspects of Exercise Physiology; Grade Method: REG/AUD. Prerequisite: KNES 360. Formerly PHED 692. 3 credits
0101 W.....7:00pm- 9:30pm (HHP 2132) Hurley, B

KNES770 Advanced Biomechanics; Grade Method: REG/AUD. Prerequisites: KNES 670; and CMSC 103. Formerly PHED 770. 3 credits
0101 W.....4:00pm- 6:30pm (HHP 0301) Caldwell, G

KNES789B Advanced Seminar: Exercise Physiology; Grade Metnod: REG/AUD. 1 credit
0101 Th.....7:00pm- 9:00pm (HHP 2132) Rogers, M

KNES798A (PermReq) Internship in Physical Education/Sports Management; Sports Management; Grade Method: REG. 1-8 credits
0101 Time and room to be arranged Wrenn, J

KNES799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

KNES899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

LATN Latin (Arts and Humanities)

LATN101 Elementary Latin; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. A student who has two units of Latin in high school may register for LATN 101 for the purposes of review, but ordinarily not for credit. 4 credits
0101 MWF.....10:00am-10:50am (HZF 1108) STAFF
F.....9:00am- 9:50am (HZF 1108)
0201 TuTh.....12:00pm- 1:50pm (HZF 1102) Cuck, J
0301 MW.....12:00pm- 1:50pm (HZF 1101) STAFF

LATN102 Elementary Latin; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. A student who has two units of Latin in high school may register for LATN 102 for credit with departmental permission. 4 credits
0101 MW.....1:00pm- 2:50pm (COL 3112) Cuck, J

LATN201 Intermediate Latin I; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Prerequisites: LATN 101; LATN 102 or equivalent. Formerly LATN 203. 4 credits
0101 MWF.....10:00am-10:50am (COL 0104) Duffy, J
F.....9:00am- 9:50am (COL 0104) LAB

LATN301 Plautus; Grade Method: REG/P-F/AUD. 3 credits
0101 MWF.....1:00pm- 1:50pm (ASY 3215) Staley, G

LATN415 Virgil's Aeneid; Grade Method: REG/P-F/AUD. Formerly LATN 305. 3 credits
0101 W.....6:00pm- 8:40pm (JMZ 2102) Stehle, E

LATN488 Latin Readings: The Augustan Age; Grade Method: REG/P-F/AUD. 3 credits
0101 Tu.....6:00pm- 8:40pm (JMZ 1103) Ginsburg, J

LATN499 (PermReq) Independent Study in Latin Language and Literature; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 3 credits

LATN605 Vergil; Grade Method: REG/AUD. 3 credits
0101 W.....6:00pm- 8:40pm (JMZ 2102) Stehle, E

LATN623 The Augustan Age; Grade Method: REG/AUD. 3 credits
0101 Tu.....6:00pm- 8:40pm (JMZ 1103) Ginsburg, J

LATN688 Special Topics in Latin Literature; Grade Method: REG/AUD. 3 credits
0101 W.....6:00pm- 8:40pm (JMZ 1103) STAFF

LATN699 Independent Studies in Latin Literature; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

LBSC Library Science (Library & Info Services)

All courses 600 and above require permission of department. Check course listing for specific restrictions.

LBSC600 (PermReq) Proseminar: Development and Operation of Libraries and Information Services; Grade Method: REG/AUD. Prerequisite: permission of department. Required of all MLS students. 3 credits
0101 M.....5:30pm- 8:15pm (HBK 0109) Aversa, E

LBSC603 (PermReq) Library Systems Analysis; Grade Method: REG/AUD. Prerequisite: permission of department. 3 credits
0101 M.....2:30pm- 5:15pm (HBK 0105) Walston, C

LBSC611 (PermReq) Archives and Libraries in Western Civilization; Grade Method: REG/AUD. Prerequisite: permission of department. 3 credits
0101 Tu.....5:30pm- 8:15pm (HBK 0109) Burke, F

LBSC630 (PermReq) Library Administration; Grade Method: REG/AUD. Prerequisite: permission of department. 3 credits
0101 TuTh.....11:00am-12:15pm (HBK 0109) Wasserman, P
0201 Tu.....5:30pm- 8:15pm (HBK 0105) Phelps, T

LBSC641 (PermReq) Selection and Evaluation of Instructional Media; Grade Method: REG/AUD. Prerequisite: permission of department. 3 credits
0101 M.....5:30pm- 8:15pm (HBK 4113) Hildebrandt, I

LBSC643 (PermReq) Library Media Specialists in Educational Systems; Grade Method: REG/AUD. Prerequisite: permission of department. 3 credits
0101 Th.....5:30pm- 8:15pm (HBK 4113) Neuman, D

LBSC645 (PermReq) Children's Literature and Materials: Grade Method: REG/AUD. Prerequisite: permission of department. 3 credits
0101 TuTh.....1:00pm- 2:15pm (HBK 0115) MacLeod, A
0201 Tu.....5:30pm- 8:15pm (HBK 0115) MacLeod, A

LBSC651 (PermReq) Reference and Information Services; Grade Method: REG/AUD. Prerequisite: permission of department. Required of all MLS students. 3 credits
0101 MW.....11:00am-12:15pm (HBK 0105) White, M
0201 Tu.....5:30pm- 8:15pm (HBK 0103) Cunningham, W
0301 Th.....5:30pm- 8:15pm (HBK 0109) Wilson, W

LBSC671 (PermReq) Organization of Recorded Knowledge; Grade Method: REG/AUD. Prerequisite: permission of department. Required of all MLS students. 3 credits
0101 W.....1:00pm- 3:45pm (HBK 0115) Simmons, W
0201 W.....5:30pm- 8:15pm (HBK 0105) Simmons, W

LBSC675 (PermReq) Information Storage and Retrieval (ISAR) Systems; Grade Method: REG/AUD. Prerequisite: permission of department. 3 credits
0101 Sa.....9:30am-12:15pm (HBK 0103) Soergel, D

LBSC690 (PermReq) Data Processing for Libraries and Information Services; Grade Method: REG/AUD. Prerequisite: permission of department. Credit will be granted for only one of the following: LBSC 690 or LBSC 691. LBSC 690 or 691 required o' all MLS students. 3 credits
0101 Th.....1:00pm- 3:45pm (HBK 0105) Soergel, D
0201 Th.....5:30pm- 8:15pm (HBK 0103) STAFF

LBSC691 (PermReq) Microcomputers in Information Processing; Grade Method: REG/AUD. Prerequisite: permission of department. Credit will be granted for only one of the following: LBSC 690 or LBSC 691. LBSC 690 or 691 required of all MLS students. 3 credits
0101 M.....5:30pm- 8:15pm (HBK 0115) Marchionini, G
0201 MW.....9:30am-10:45am (HBK 0103) Abels, E

LBSC701 (PermReq) Research Methods in Library and Information Studies; Grade Method: REG/AUD. Prerequisite: permission of department. 3 credits
0101 MW.....2:30pm- 3:45pm (HBK 0109) Marchionini, G

LBSC704 (PermReq) Seminar in Information Science; Grade Method: REG/AUD. Prerequisite: permission of department. 3 credits
0101 Tu.....1:00pm- 3:45pm (HBK 4115) Heilprin, L

LBSC707 (PermReq) Field Study in Library Service; Grade Method: REG/AUD. Prerequisites: LBSC 600; and LBSC 651; and LBSC 671; and [LBSC 690 or LBSC 691] and permission of both department and instructor. 3 credits
0101 Time and room to be arranged Cunningham, W

LBSC708D (PermReq) Special Topics in Library and Information Service: Database Design; Grade Method: REG/AUD. Prerequisite: permission of department. 3 credits
0101 Tu.....9:30am-12:15pm (HBK 0105) Green, R

LBSC708F (PermReq) Special Topics in Library and Information Service: Principles of Human-Computer Communication; Grade Method: REG/AUD. 3 credits
0101 W.....5:30pm- 8:15pm (HBK 4113) Marchionini, G

LBSC709 (PermReq) Independent Study; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Signed independent study form must be presented to CLIS Admissions Office. 1-3 credits

LBSC724 (PermReq) Public Library Seminar; Grade Method: REG/AUD. Prerequisite: permission of department. 3 credits
0101 W.....5:30pm- 8:15pm (HBK 0115) Cunningham, W

LBSC733 (PermReq) Seminar in Library and Information Networks; Grade Method: REG/AUD. Prerequisite: permission of department. 3 credits
0101 M.....5:30pm- 8:15pm (HBK 4115) STAFF

LBSC736 (PermReq) Designing Information Products and Services; Grade Method: REG/AUD. Prerequisite: permission of both department and instructor. 3 credits
0101 Th..... 2:00pm- 4:45pm (HBK 4113) Wasserman, P

LBSC741 (PermReq) Seminar in School Library Media Programs; Grade Method: REG/AUD. Prerequisites: permission of department; and LBSC 643 or permission of instructor. 3 credits
0101 W.....5:30pm- 8:15pm (HBK 4115) Liesener, J

LBSC744 (PermReq) Field Study in School Library Media Programs; Grade Method: REG/AUD. Prerequisites: permission of department; and LBSC 741; and [LBSC 742 or EDCI 605 or permission of instructor]. 3 credits
0101 M.....2:30pm- 5:15pm (HBK 4113) Liesener, J

LBSC750 (PermReq) Advanced Reference Services; Grade Method: REG/AUD. Prerequisites: permission of department; and either LBSC 651 or permission of instructor. 3 credits
0101 M.....2:00pm- 4:45pm (HBK 0103) White, M
0201 M.....5:30pm- 8:15pm (HBK 0103) White, M

LBSC762 Health Information Sources and Their Use; (PermReq) Grade Method: REG/AUD. Prerequisite: permission of department; and either LBSC 651 or permission of instructor. 3 credits
0101 W.....9:30am-12:15pm (HBK 4113) Sewell, W

LBSC764 (PermReq) Legal Literature; Grade Method: REG/AUD. Prerequisite: permission of department; and either LBSC 651 or permission of instructor. 3 credits
0101 Tu.....5:30pm- 8:15pm (HBK 4113) Peterson, S

LBSC770 (PermReq) Bibliographic Control; Grade Method: REG/AUD. Prerequisite: permission of department; and either LBSC 671 or permission of instructor. 3 credits
0101 Tu.....9:30am-12:15pm (HBK 4115) Momeni, M

LBSC774 (PermReq) Seminar in Linguistic Topics; Grade Method: REG/AUD. Prerequisite: permission of department; and either LBSC 671 or permission of instructor. Recommended: LBSC 675. 3 credits
0101 Th.....9:30am-12:15pm (HBK 4113) Green, R

LBSC782 (PermReq) Manuscript Collections; Grade Method: REG/AUD. Prerequisite: permission of department. 3 credits
0101 M.....5:30pm- 8:15pm (HBK 0105) Burke, F

LBSC783 (PermReq) Seminar in Technical Services; Grade Method: REG/AUD. Prerequisite: permission of department. 3 credits
0101 W.....5:30pm- 8:15pm (HBK 0103) Scully, M

LBSC787 (PermReq) Planning of Library Facilities; Grade Method: REG/AUD. Prerequisite: permission of department. Plus field trips. 3 credits
0101 Tu.....2:00pm- 4:45pm (HBK 4113) Wellisch, H

LBSC899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

For LENF courses, see CJUS (Institute of Criminal Justice and Criminology).

LING Linguistics (Arts and Humanities)

LING200 Introductory Linguistics; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D Course. Not open to students who have completed ANTH 371 or HESP 120. Credit will be granted for only one of the following: LING 100 or LING 200. Basis for future work in linguistics. 3 credits
0101 TuTh.....12:30pm- 1:45pm (COL 3110) Chuang, L
0201 MWF.....9:00am- 9:50am (COL 3110) Varlokosta, E
0301 MWF.....1:00pm- 1:50pm (ARM 0116) Thompson, E
0401 MWF.....11:00am-11:50am (HBK 0117) Kim, J
0501 MW.....4:00pm- 5:15pm (HBK 1116) Munn, A
0601 TuTh.....3:30pm- 4:45pm (HBK 1108) Xu, J
0701 TuTh.....9:30am-10:45am (HBK 1116) Arnold, M
0801 TuTh.....11:00am-12:15pm (EGR 1106) Kirchner, R
0901 MWF.....10:00am-10:50am (JRN 1104) Schmitt, C

LING240 Language and Mind; Grade Method: REG/P-F/AUD. CORE Distributive Studies Humanities Course. USP Distributive Studies Area D Course. 3 credits
0101 TuTh.....9:30am-10:45am (HBK 0109) Hornstein, N

LING311 Syntax I; Grade Method: REG/P-F/AUD. Prerequisite: LING 240. 3 credits
0101 TuTh.....9:30am-10:45am (HBK 1108) Uriagereka, J

LING321 Phonology I; Grade Method: REG/P-F/AUD. Prerequisite: LING 240. 3 credits
0101 TuTh.....11:00am-12:15pm (HBK 0125) Stonham, J

LING350 Philosophy of Language; Grade Method: REG/P-F/AUD. CORE Advanced Studies Development of Knowledge Course. Prerequisite: PHIL 170 or PHIL 173 or PHIL 371; or LING 311. 3 credits
0101 TuTh.....12:30pm- 1:45pm (CHM 0122) Devitt, M

LING410 Grammar and Meaning; Grade Method: REG/P-F/AUD. Prerequisite: LING 312. 3 credits
0101 Time and room to be arranged Lightfoot, D

LING410H (PermReq) Grammar and Meaning; Grade Method: REG/P-F/AUD. Prerequisite: LING 312. 3 credits
0101 Time and room to be arranged Lightfoot, D

LING419 (PermReq) Topics in Syntax; Grade Method: REG. 3 credits
0101 Time and room to be arranged Hornstein, N

LING421 Advanced Phonology; Grade Method: REG/P-F/AUD. Prerequisite: LING 322. 3 credits
0101 Th.....1:00pm- 3:00pm (MIL 1106) Stonham, J
Th.....3:00pm- 4:00pm (MIL 1106) DIS

LING421H (PermReq) Advanced Phonology; Grade Method: REG/P-F/AUD. Prerequisite: LING 322. 3 credits
0101 Th.....1:00pm- 3:00pm (MIL 1106) Stonham, J
Th.....3:00pm- 4:00pm (MIL 1106) DIS

LING429 (PermReq) Topics in Phonology; Grade Method: REG/P-F/AUD. 3 credits
0101 Time and room to be arranged Stonham, J

LING439 (PermReq) Topics in Diachronic Linguistics: Diachronic Syntax; Grade Method: REG/P-F/AUD. 3 credits
0101 Time and room to be arranged Lightfoot, D

LING440 Grammars and Cognition; Grade Method: REG/P-F/AUD. CORE Advanced Studies Development of Knowledge Course. USP Advanced Studies Development of Knowledge Course. 3 credits
0101 TuTh.....9:30am-10:45am (HJP 1104) Lebeaux, D

LING499 (PermReq) Directed Studies in Linguistics; Grade Method: REG. 3 credits
0101 Time and room to be arranged Lightfoot, D

LING499H (PermReq) Directed Studies in Linguistics: Honors Thesis; Grade Method: REG. 1-3 credits
0101 Time and room to be arranged Hornstein, N

LING610 Syntactic Theory; Grade Method: REG/AUD. Prerequisite: LING 312. 3 credits
0101 Tu.....2:00pm- 4:00pm (MIL 1106) Uriagereka, J
Tu.....4:00pm- 5:00pm (MIL 1106) DIS

LING620 Phonological Theory; Grade Method: REG/AUD. Prerequisite: LING 322. 3 credits
0101 Th.....1:00pm- 3:00pm (MIL 1106) Stonham, J
Th.....3:00pm- 4:00pm (MIL 1106) DIS

LING640 (PermReq) Competence and Performance; Grade Method: REG/AUD. Prerequisite: LING 312 or permission of instructor. 3 credits
0101 Tu.....10:00am-12:00pm (MIL 1106) Gorrell, P
Time and room to be arranged DIS

LING688 (PermReq) Independent Study: Semantics; Grade Method: REG/AUD. 3 credits
0101 W.....10:00am-12:00pm (MIL 1106) Hornstein, N
Time and room to be arranged DIS

LING698 (PermReq) Directed Study; Grade Method: REG/AUD. 3 credits
0101 Time and room to be arranged Gorrell, P

LING799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

LING819 (PermReq) Seminar in Syntactic Theory: Seminar: Syntactic Theory; Grade Method: REG/AUD. 3 credits
0201 W.....2:00pm- 4:00pm (HBK 0125) Lebeaux, D
Time and room to be arranged DIS

LING819A (PermReq) Seminar in Syntactic Theory; Grade Method: REG/AUD. 3 credits
0101 F.....11:00am- 1:00pm (JMZ 1125) Boruin, L
Time and room to be arranged DIS

LING819B (PermReq) Seminar in Syntactic Theory: Conceptual Structure; Grade Method: REG/AUD. 3 credits
0101 M.....3:00pm- 5:00pm (MIL 1106) Abrahsen, S

LING849 Seminar in Psycholinguistics; Grade Method: REG/AUD. 3 credits
0101 Tu.....2:00pm- 4:00pm (Arranged) Gorrell, P
Time and room to be arranged DIS

LING889 (PermReq) Directed Research; Grade Method: REG/AUD. 1-8 credits
0101 Time and room to be arranged Gorrell, P

LING895 Doctoral Research Paper; Grade Method: REG/AUD. 1-6 credits
0101 Time and room to be arranged Gorrell, P

LING899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

MAPL Applied Mathematics (Comp, Math, & Phys Sci)

MAPL460 Computational Methods; Grade Method: REG/P-F/AUD. Prerequisites: MATH 240; and MATH 241; and [CMSC 110 or CMSC 113] or equivalent. Also offered as CMSC 460. Credit will be granted for only one of the following: MAPL/CMSC 460 and MAPL/CMSC 466. 3 credits
0101 MWF.....11:00am-11:50am (MTH 0106) Glaz, H
0201 TuTh.....11:00am-12:15pm (MTH 0407) Hummel, J

MAPL466 Introduction to Numerical Analysis I; Grade Method: REG/P-F/AUD. Prerequisites: [MATH 240; and MATH 241; and CMSC 110] or equivalent. Also offered as CMSC 466. Credit will be granted for only one of the following: MAPL/CMSC 460 and MAPL/CMSC 466. 3 credits
0201 TuTh.....11:00am-12:15pm (MTH 0301) Nochetto, R

MAPL472 Methods and Models in Applied Mathematics I; Grade Method: REG/P-F/AUD. Prerequisites: [MATH 241; and MATH 246; and MATH 240; and PHYS 161 or 171] or permission of department. Recommended: one of the following: MATH 410, MATH 414, MATH 415, MATH 462, MATH 463, PHYS 262, PHYS 273. Also offered as MATH 472. Credit will be granted for only one of the following: MATH 472 and MAPL 472. 3 credits
0101 TuTh.....9:30am-10:45am (MTH 0107) Cooper, J

MAPL498A Selected Topics in Applied Mathematics; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

MAPL614 Mathematics of the Finite Element Method; Grade Method: REG/AUD. Prerequisite: one semester graduate level course in partial differential equations; or permission of instructor. 3 credits
0101 TuTh.....3:30pm- 4:45pm (MTH 0103) Babuska, I

MAPL666 Numerical Analysis I; Grade Method: REG/AUD. Prerequisites: MAPL 466; and MATH 410. Also offered as CMSC 666. 3 credits
0101 TuTh.....12:30pm- 1:45pm (CLB 0104) Stewart, G

MAPL670 Ordinary Differential Equations I; Grade Method: REG/AUD. Prerequisite: MATH 405; and MATH 410 or equivalent. Also offered as MATH 670. 3 credits
0101 TuTh.....11:00am-12:15pm (MTH 0107) Alexander, J

MAPL673 Classical Methods in Partial Differential Equations I; Grade Method: REG/AUD. Prerequisite: MATH 410 or equivalent. Also offered as MATH 673. 3 credits
0101 TuTh.....2:00pm- 3:15pm (MTH B0425) Antman, S

MAPL680 Eigenvalue and Boundary Value Problems I; Grade Method: REG/AUD. Prerequisite: MATH 405 and MATH 410 or equivalent. Also offered as MATH 680. 3 credits
0101 MWF.....11:00am-11:50am (MTH B0427) Pego, R

MAPL698A Advanced Topics in Applied Mathematics; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-4 credits

MAPL698B Advanced Topics in Applied Mathematics; Grade Method: REG/AUD. 3 credits
0201 TuTh.....12:30pm- 1:45pm (MTH B0425) Ventitsel, A

MAPL698C Advanced Topics in Applied Mathematics: Numerical Methods for Systems of Conservation Laws and CFD; Grade Method: REG/AUD. 3 credits
0301 MWF.....12:00pm-12:50pm (MTH 0301) Glaz, H

MAPL698D Advanced Topics in Applied Mathematics: Radon Transform, Integral Geometry and Applications; Grade Method: REG/AUD. 3 credits
0101 MWF.....1:00pm- 1:50pm (MTH 0107) Berenstein, C

MAPL699 Applied Mathematics Seminar: Non Linear Oscillators; Grade Method: REG/AUD. 1 credit
0101 Tu.....2:00pm- 2:50pm (MTH B0427) Alexander, J

MAPL799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

MAPL899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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MATH Mathematics (Comp, Math, & Phys Sci)

A student enrolled in MATH A001, Spring 1992 MATH 001, will have a reserved seat in the course for the Spring 1992 semester. The enrollment must be confirmed during Spring 1992 advance registration.

MATH001 Review of High School Algebra; Grade Method: REG. Recommended for students who plan to take MATH 110 or MATH 002 but are not currently qualified to do so. Special fee required in addition to the regular tuition charge. This course does not carry credit towards any degree at the University. Course chairperson: Cleary. The notation 3 credits is used only for billing and full-time or part-time status. There is a special fee of $145 for MATH 001. If dropping course, see Withdrawal and Refund of Fees - Special Refund Deadlines in the Financial Information section of the Schedule of Classes. Students registering for MATH 001 who experience math anxiety or feel deficient in math study skills should refer to EDCP 108M, Building Confidence and Study Skills in Mathematics. 3 credits

0101 MWF.....8:00am- 8:50am (MTH 0104) STAFF
0102 MWF.....8:00am- 8:50am (MTH 0401) STAFF
0103 MWF.....8:00am- 8:50am (MTH B0423) STAFF
0104 MWF.....8:00am- 8:50am (MTH 0102) STAFF
0105 MWF.....8:00am- 8:50am (MTH B0429) STAFF
0201 MWF.....9:00am- 9:50am (MTH 0104) STAFF
0202 MWF.....9:00am- 9:50am (MTH 0401) STAFF
0203 MWF.....9:00am- 9:50am (MTH B0423) STAFF
0204 MWF.....9:00am- 9:50am (MTH 0102) STAFF
0205 MWF.....9:00am- 9:50am (MTH 0301) STAFF
0301 MWF.....11:00am-11:50am (MTH 0102) STAFF
0302 MWF.....11:00am-11:50am (MTH 0104) STAFF
0303 MWF.....11:00am-11:50am (MTH 0401) STAFF
0401 MWF.....12:00pm-12:50pm (MTH 0102) STAFF
0402 MWF.....12:00pm-12:50pm (MTH 0104) STAFF
0403 MWF.....12:00pm-12:50pm (MTH 0401) STAFF
0404 MWF.....12:00pm-12:50pm (MTH B0421) STAFF
0501 MWF.....2:00pm- 2:50pm (MTH B0425) STAFF
0502 MWF.....2:00pm- 2:50pm (MTH 0107) STAFF
0503 MWF.....2:00pm- 2:50pm (MTH B0431) STAFF

A student enrolled in MATH A002, Spring 1992 MATH 002, will have a reserved seat in the course for the Spring Semester.

MATH002 Advanced Review of High School Algebra; Grade Method: REG. Recommended for students who plan to take but who are not currently qualified for MATH 115. 3 credits

Prerequisite: MATH 001 or satisfactory score on the mathematics placement exam. Special fee required in addition to the regular tuition charge. This course does not carry credit towards any degree at the University. Course chairperson: Cleary. The notation 3 credits is used only for billing and full-time and part-time status. There is a special $145 fee for MATH 002. If dropping course, see Withdrawal and Refund of Fees - Special Refund Deadlines in the Financial Information section of the Schedule of Classes. Students registering for MATH 002 who experience math anxiety or feel deficient in math study skills should refer to EDCP 108M, Building Confidence and Study Skills in Mathematics.

0101 MWF.....10:00am-10:50am (MTH 1311) STAFF
0102 MWF.....10:00am-10:50am (MTH 0409) STAFF
0103 MWF.....10:00am-10:50am (MTH 0403) STAFF
0104 MWF.....10:00am-10:50am (MTH 0106) STAFF
0105 MWF.....10:00am-10:50am (MTH 0104) STAFF
0106 MWF.....10:00am-10:50am (MTH 0401) STAFF
0201 MWF.....11:00am-11:50am (MTH 1311) STAFF
0202 MWF.....11:00am-11:50am (MTH 1308) STAFF
0203 MWF.....11:00am-11:50am (MTH B0423) STAFF
0204 MWF.....11:00am-11:50am (MTH B0425) STAFF
0301 MWF.....12:00pm-12:50pm (MTH 0106) STAFF
0302 MWF.....12:00pm-12:50pm (MTH 1308) STAFF
0303 MWF.....12:00pm-12:50pm (MTH B0427) STAFF
0304 MWF.....12:00pm-12:50pm (MTH 1313) STAFF
0401 MWF.....1:00pm- 1:50pm (MTH 1311) STAFF
0402 MWF.....1:00pm- 1:50pm (MTH 1308) STAFF
0403 MWF.....1:00pm- 1:50pm (MTH 0105) STAFF
0404 MWF.....1:00pm- 1:50pm (MTH 1313) STAFF
0405 MWF.....1:00pm- 1:50pm (MTH 0401) STAFF
0406 MWF.....1:00pm- 1:50pm (MTH B0423) STAFF
0407 MWF.....1:00pm- 1:50pm (MTH B0425) STAFF
0701 TuTh.....12:30pm- 1:45pm (MTH 0305) STAFF
0702 TuTh.....12:30pm- 1:45pm (MTH B0423) STAFF
0703 TuTh.....12:30pm- 1:45pm (MTH 0104) STAFF
0704 TuTh.....12:30pm- 1:45pm (MTH 0409) STAFF
0705 TuTh.....12:30pm- 1:45pm (MTH 0401) STAFF
0706 TuTh.....12:30pm- 1:45pm (MTH 0107) STAFF
0801 TuTh.....2:00pm- 3:15pm (MTH 0305) STAFF
0802 TuTh.....2:00pm- 3:15pm (MTH 0105) STAFF
0803 TuTh.....2:00pm- 3:15pm (MTH 0104) STAFF
0804 TuTh.....2:00pm- 3:15pm (MTH B0423) STAFF

A student enrolled in MATH A110, Spring 1992 MATH 110, will have a reserved seat in the course for the Spring 1992 semester. The enrollment must be confirmed during Spring 1992 advance registration.

MATH110 (PermReq) Elementary Mathematical Models; Grade Method: REG/P-F/AUD. Prerequisite: permission of department based on satisfactory score on the mathematics placement exam, or MATH 001. Not open to students majoring in mathematics, engineering, and the physical sciences. 3 credits

0101 MWF.....11:00am-11:50am (MTH 0101) STAFF
0102 MWF.....11:00am-11:50am (MTH 0407) STAFF
0103 MWF.....11:00am-11:50am (MTH 0405) STAFF
0104 MWF.....11:00am-11:50am (MTH 0304) STAFF
0105 MWF.....11:00am-11:50am (MTH 0306) STAFF
0106 MWF.....11:00am-11:50am (MTH 0307) STAFF
0107 MWF.....11:00am-11:50am (MTH 0303) STAFF
0108 MWF.....11:00am-11:50am (MTH B0421) STAFF
0201 MWF.....12:00pm-12:50pm (MTH 0101) STAFF
0202 MWF.....12:00pm-12:50pm (MTH 0407) STAFF
0203 MWF.....12:00pm-12:50pm (MTH 0405) STAFF
0204 MWF.....12:00pm-12:50pm (MTH 0304) STAFF
0205 MWF.....12:00pm-12:50pm (MTH 0306) STAFF
0206 MWF.....12:00pm-12:50pm (MTH 0307) STAFF
0207 MWF.....12:00pm-12:50pm (MTH 0303) STAFF
0301 MWF.....1:00pm- 1:50pm (MTH 0103) STAFF
0302 MWF.....1:00pm- 1:50pm (MTH 0407) STAFF
0303 MWF.....1:00pm- 1:50pm (MTH 0304) STAFF
0304 MWF.....1:00pm- 1:50pm (MTH 0409) STAFF
0305 MWF.....1:00pm- 1:50pm (MTH 0306) STAFF
0306 MWF.....1:00pm- 1:50pm (MTH 0307) STAFF
0307 MWF.....1:00pm- 1:50pm (MTH 0303) STAFF
03RH MWF.....1:00pm- 1:50pm (Arranged) STAFF
Section 03RH will meet in Bel Air Dormitory, room 1110.
0401 MWF.....2:00pm- 2:50pm (MTH 0103) STAFF
0402 MWF.....2:00pm- 2:50pm (MTH 0407) STAFF
0403 MWF.....2:00pm- 2:50pm (MTH 0304) STAFF
0404 MWF.....2:00pm- 2:50pm (MTH 0409) STAFF
0405 MWF.....2:00pm- 2:50pm (MTH 0306) STAFF
0406 MWF.....2:00pm- 2:50pm (MTH 0307) STAFF
0407 MWF.....2:00pm- 2:50pm (MTH 0303) STAFF
04RH MWF.....2:00pm- 2:50pm (Arranged) STAFF
Section 04RH will meet in Bel Air Dormitory, room 1110.

MATH111 (PermReq) Introduction to Probability; Grade Method: REG/P-F/AUD. CORE Distributive Studies Math or Formal Reasoning Course. USP Distributive Studies Area B Course. Prerequisite: permission of department based on satisfactory score on the mathematics placement exam, or MATH 110, or MATH 115. Not open to students majoring in mathematics, engineering or the physical sciences. Credit will be granted for only one of the following: MATH 111 or STAT 100. 3 credits

0101 MWF.....1:00pm- 1:50pm (MTH 0405) STAFF
0102 MWF.....1:00pm- 1:50pm (MTH 0101) STAFF
0103 MWF.....1:00pm- 1:50pm (MTH 0106) STAFF
0104 MWF.....1:00pm- 1:50pm (MTH 0403) STAFF
0105 MWF.....1:00pm- 1:50pm (MTH B0421) STAFF
0201 MWF.....2:00pm- 2:50pm (MTH 0405) STAFF
0202 MWF.....2:00pm- 2:50pm (MTH 0101) STAFF
0203 MWF.....2:00pm- 2:50pm (MTH 0106) STAFF
0204 MWF.....2:00pm- 2:50pm (MTH 0403) STAFF

A student enrolled in MATH A115, Spring 1992 MATH 115, will have a reserved seat in the course for the Spring 1992 semester. The enrollment must be confirmed during Spring 1992 advanced registration.

MATH115 (PermReq) Precalculus; Grade Method: REG/P-F/AUD. Prerequisite: permission of department based on satisfactory score on the mathematics placement exam or MATH 002. Preparation for MATH 220 or MATH 140. 3 credits

0101 MWF.....8:00am- 8:50am (MTH 0101) STAFF
0102 MWF.....8:00am- 8:50am (MTH 0407) STAFF
0103 MWF.....8:00am- 8:50am (MTH 0405) STAFF
0104 MWF.....8:00am- 8:50am (MTH 0306) STAFF
0105 MWF.....8:00am- 8:50am (MTH 0307) STAFF
0106 MWF.....8:00am- 8:50am (MTH 0303) STAFF
0107 MWF.....8:00am- 8:50am (MTH 0409) STAFF
0108 MWF.....8:00am- 8:50am (MTH 0403) STAFF
0109 MWF.....8:00am- 8:50am (MTH 0106) STAFF
0110 MWF.....8:00am- 8:50am (MTH 0105) STAFF
0111 MWF.....8:00am- 8:50am (MTH 1313) STAFF
0112 MWF.....8:00am- 8:50am (MTH 1311) STAFF
0201 MWF.....9:00am- 9:50am (MTH 0101) STAFF
0202 MWF.....9:00am- 9:50am (MTH 0407) STAFF
0203 MWF.....9:00am- 9:50am (MTH 0405) STAFF
0204 MWF.....9:00am- 9:50am (MTH 0306) STAFF
0205 MWF.....9:00am- 9:50am (MTH 0307) STAFF
0206 MWF.....9:00am- 9:50am (MTH 0303) STAFF
0207 MWF.....9:00am- 9:50am (MTH 0409) STAFF
0208 MWF.....9:00am- 9:50am (MTH 0403) STAFF
0209 MWF.....9:00am- 9:50am (MTH 0106) STAFF
0210 MWF.....9:00am- 9:50am (MTH 0105) STAFF
0211 MWF.....9:00am- 9:50am (MTH 1313) STAFF
0212 MWF.....9:00am- 9:50am (MTH 1311) STAFF
0301 MWF.....3:00pm- 3:50pm (MTH 0101) STAFF
0302 MWF.....3:00pm- 3:50pm (MTH 0407) STAFF
0303 MWF.....3:00pm- 3:50pm (MTH 0405) STAFF
0304 MWF.....3:00pm- 3:50pm (MTH 0306) STAFF
0305 MWF.....3:00pm- 3:50pm (MTH 0307) STAFF
0306 MWF.....3:00pm- 3:50pm (MTH 0303) STAFF
0307 MWF.....3:00pm- 3:50pm (MTH 0409) STAFF
0308 MWF.....3:00pm- 3:50pm (MTH 0403) STAFF
0309 MWF.....3:00pm- 3:50pm (MTH 0106) STAFF
0310 MWF.....3:00pm- 3:50pm (MTH 0302) STAFF
0311 MWF.....3:00pm- 3:50pm (MTH 0411) STAFF
0312 MWF.....3:00pm- 3:50pm (MTH 0102) STAFF
0401 MWF.....4:00pm- 4:50pm (MTH 0101) STAFF
0402 MWF.....4:00pm- 4:50pm (MTH 0407) STAFF
0403 MWF.....4:00pm- 4:50pm (MTH 0405) STAFF
0404 MWF.....4:00pm- 4:50pm (MTH 0306) STAFF
0405 MWF.....4:00pm- 4:50pm (MTH 0307) STAFF
0406 MWF.....4:00pm- 4:50pm (MTH 0303) STAFF
0407 MWF.....4:00pm- 4:50pm (MTH 0409) STAFF
0408 MWF.....4:00pm- 4:50pm (MTH 0403) STAFF
0409 MWF.....4:00pm- 4:50pm (MTH 0106) STAFF
0410 MWF.....4:00pm- 4:50pm (MTH 0302) STAFF
0411 MWF.....4:00pm- 4:50pm (MTH 0411) STAFF
0412 MWF.....4:00pm- 4:50pm (MTH 0102) STAFF

A student enrolled in MATH A140, Spring 1992 MATH 140, will have a reserved seat in the course for the Spring 1992 semester. The enrollment must be confirmed during Spring 1992 advance registration.

MATH140 (PermReq) Calculus I; Grade Method: REG/P-F/AUD. CORE Distributive Studies Math or Formal Reasoning Course. USP Distributive Studies Area B Course. Prerequisite: permission of department based on 3 1/2 years of college preparatory mathematics (including trigonometry) and satisfactory score on the mathematics placement exam or MATH 115. Credit will be granted for only one of the following: MATH 140 or MATH 220. Special note for sections 0111-0142 and 0211-0242: these sections will cover all basic topics usually taught in MATH 140. These sections will also require use of a graphics calculator. (Preferred calculator is the Texas Instruments TI-81). Special note for sections 0415 and 0425: these special sections will cover the same basic material as is usual for MATH 140. In addition, there will be an emphasis placed on student interaction in groups-including a team approach to solving some challenging calculus-based problems. To facilitate this alternate learning environment, there will be 3 one-hour lectures and 2 two-hour workshops each week, as well as enhanced assistance and support for students. Special note for section 0501: this section of MATH 140 will cover most of the usual topics from 140 but, as appropriate, use will be made of the computer software system MATHEMATICA, which does numerical calculation, symbolic calculation, and graphics. MATHEMATICA will be used to deepen the understanding of calculus, to perform some of the manipulations and calculations of calculus, and to extend the range of applications of calculus. MATHEMATICA will be available to students on PC's in the Mathematics Department Computer Laboratory. 4 credits

0111 MWF.....8:00am- 8:50am (PHY 1412) Kleppner, A
TuTh.....8:00am- 8:50am (MTH 0403) DIS
0112 MWF.....8:00am- 8:50am (PHY 1412) Kleppner, A
TuTh.....8:00am- 8:50am (MTH 0106) DIS
0113 MWF.....8:00am- 8:50am (PHY 1412) Kleppner, A
TuTh.....8:00am- 8:50am (MTH 1313) DIS
0121 MWF.....8:00am- 8:50am (PHY 1412) Kleppner, A
TuTh.....9:00am- 9:50am (MTH 0403) DIS
0122 MWF.....8:00am- 8:50am (PHY 1412) Kleppner, A
TuTh.....9:00am- 9:50am (MTH 0106) DIS
0123 MWF.....8:00am- 8:50am (PHY 1412) Kleppner, A
TuTh.....9:00am- 9:50am (MTH 1313) DIS
0131 MWF.....8:00am- 8:50am (PHY 1412) Kleppner, A
TuTh.....10:00am-10:50am (MTH 0403) DIS
0132 MWF.....8:00am- 8:50am (PHY 1412) Kleppner,
TuTh.....10:00am-10:50am (MTH 0106) DIS
0141 MWF.....8:00am- 8:50am (PHY 1412) Kleppner, A
TuTh.....11:00am-11:50am (MTH 0403) DIS
0142 MWF.....8:00am- 8:50am (PHY 1412) Kleppner, A
TuTh.....11:00am-11:50am (MTH 0106) DIS
0211 MWF.....9:00am- 9:50am (ARM 0126) Gulick, D
TuTh.....8:00am- 8:50am (MTH 0305) DIS
0212 MWF.....9:00am- 9:50am (ARM 0126) Gulick, D
TuTh.....8:00am- 8:50am (MTH 0105) DIS
0213 MWF.....9:00am- 9:50am (ARM 0126) Gulick, D
TuTh.....8:00am- 8:50am (MTH 1311) DIS
0221 MWF.....9:00am- 9:50am (ARM 0126) Gulick, D
TuTh.....9:00am- 9:50am (MTH 0305) DIS
0222 MWF.....9:00am- 9:50am (ARM 0126) Gulick, D
TuTh.....9:00am- 9:50am (MTH 0105) DIS
0223 MWF.....9:00am- 9:50am (ARM 0126) Gulick, D
TuTh.....9:00am- 9:50am (MTH 1311) DIS
0231 MWF.....9:00am- 9:50am (ARM 0126) Gulick, D
TuTh.....10:00am-10:50am (MTH 0305) DIS
0232 MWF.....9:00am- 9:50am (ARM 0126) Gulick, D
TuTh.....10:00am-10:50am (MTH 0105) DIS
0241 MWF.....9:00am- 9:50am (ARM 0126) Gulick, D
TuTh.....11:00am-11:50am (MTH 0305) DIS
0242 MWF.....9:00am- 9:50am (ARM 0126) Gulick, D
TuTh.....11:00am-11:50am (MTH 0105) DIS
0311 MWF.....1:00pm- 1:50pm (ARM 0126) STAFF
TuTh.....12:00pm-12:50pm (MTH 0403) DIS
0312 MWF.....1:00pm- 1:50pm (ARM 0126) STAFF
TuTh.....12:00pm-12:50pm (MTH 0106) DIS
0321 MWF.....1:00pm- 1:50pm (ARM 0126) STAFF
TuTh.....1:00pm- 1:50pm (MTH 0403) DIS
0322 MWF.....1:00pm- 1:50pm (ARM 0126) STAFF
TuTh.....1:00pm- 1:50pm (MTH 0106) DIS
0331 MWF.....1:00pm- 1:50pm (ARM 0126) STAFF
TuTh.....2:00pm- 2:50pm (MTH 0403) DIS
0332 MWF.....1:00pm- 1:50pm (ARM 0126) STAFF
TuTh.....2:00pm- 2:50pm (MTH 0106) DIS
0333 MWF.....1:00pm- 1:50pm (ARM 0126) STAFF
TuTh.....2:00pm- 2:50pm (MTH 0405) DIS
0341 MWF.....1:00pm- 1:50pm (ARM 0126) STAFF
TuTh.....3:00pm- 3:50pm (MTH 0403) DIS
0342 MWF.....1:00pm- 1:50pm (ARM 0126) STAFF
TuTh.....3:00pm- 3:50pm (MTH 0106) DIS
0343 MWF.....1:00pm- 1:50pm (ARM 0126) STAFF
TuTh.....3:00pm- 3:50pm (MTH 0405) DIS
0415 MWF.....2:00pm- 2:50pm (ARM 0131) Wolpert, S
TuTh.....10:00am-11:50am (MTH 0201) DIS
0425 MWF.....2:00pm- 2:50pm (ARM 0131) Wolpert, S
TuTh.....1:00pm- 2:50pm (MTH 0201) DIS
0435 MWF.....2:00pm- 2:50pm (ARM 0131) Wolpert, S
TuTh.....10:00am-10:50am (MTH 0405) DIS
0445 MWF.....2:00pm- 2:50pm (ARM 0131) Wolpert, S
TuTh.....1:00pm- 1:50pm (MTH 0405) DIS
0501 MF.....10:00am-10:50am (MTH 1308) Osborn, J
W.....9:00am-10:50am (MTH 1308) DIS

MATH140H (PermReq) Calculus I; Grade Method: REG/P-F/AUD. CORE Distributive Studies Math or Formal Reasoning Course. USP Distributive Studies Area B Course. Prerequisite: permission of department based on 3 1/2 years of college preparatory mathematics (including trigonometry) and satisfactory score on the mathematics placement exam or MATH 115. Credit will be granted for only one of the following: MATH 140 or MATH 220. Open only to general honors students. 4 credits

2011 MWF.....10:00am-10:50am (MTH 0411) Stuck, G
F.....11:00am-11:50am (MTH 0411)

MATH141 (PermReq) Calculus II; Grade Method: REG/P-F/AUD. CORE Distributive Studies Math or Formal Reasoning Course. USP Distributive Studies Area B Course. Prerequisite: MATH 140 or equivalent. Credit will be granted for only one of the following: MATH 141 or MATH 221. 4 credits

0111 MWF.....9:00am- 9:50am (ARM 0131) Ellis, R
TuTh.....8:00am- 8:50am (MTH 0103) DIS
0112 MWF.....9:00am- 9:50am (ARM 0131) Ellis, R
TuTh.....8:00am- 8:50am (MTH 0409) DIS
0121 MWF.....9:00am- 9:50am (ARM 0131) Ellis, R
TuTh.....9:00am- 9:50am (MTH 0103) DIS
0122 MWF.....9:00am- 9:50am (ARM 0131) Ellis, R
TuTh.....9:00am- 9:50am (MTH 0409) DIS
0131 MWF.....9:00am- 9:50am (ARM 0131) Ellis, R
TuTh.....10:00am-10:50am (MTH 0103) DIS
0132 MWF.....9:00am- 9:50am (ARM 0131) Ellis, R
TuTh.....10:00am-10:50am (MTH 0409) DIS
0141 MWF.....9:00am- 9:50am (ARM 0131) Ellis, R
TuTh.....11:00am-11:50am (MTH 0103) DIS
0142 MWF.....9:00am- 9:50am (ARM 0131) Ellis, R
TuTh.....11:00am-11:50am (MTH 0409) DIS
0211 MWF.....11:00am-11:50am (ARM 0131) Horvath, J
TuTh.....10:00am-10:50am (MTH 1313) DIS
0212 MWF.....11:00am-11:50am (ARM 0131) Horvath, J
TuTh.....10:00am-10:50am (MTH 1311) DIS
0221 MWF.....11:00am-11:50am (ARM 0131) Horvath, J
TuTh.....11:00am-11:50am (MTH 1313) DIS
0222 MWF.....11:00am-11:50am (ARM 0131) Horvath, J
TuTh.....11:00am-11:50am (MTH 1311) DIS
0231 MWF.....11:00am-11:50am (ARM 0131) Horvath, J
TuTh.....12:00pm-12:50pm (MTH 1313) DIS
0232 MWF.....11:00am-11:50am (ARM 0131) Horvath, J
TuTh.....12:00pm-12:50pm (MTH 1311) DIS
0241 MWF.....11:00am-11:50am (ARM 0131) Horvath, J
TuTh.....1:00pm- 1:50pm (MTH 1313) DIS
0242 MWF.....11:00am-11:50am (ARM 0131) Horvath, J
TuTh.....1:00pm- 1:50pm (MTH 1311) DIS
0311 MWF.....1:00pm- 1:50pm (ARM 0135) Neri, U
TuTh.....1:00pm- 1:50pm (MTH 0306) DIS
0312 MWF.....1:00pm- 1:50pm (ARM 0135) Neri, U
TuTh.....1:00pm- 1:50pm (MTH 0307) DIS
0321 MWF.....1:00pm- 1:50pm (ARM 0135) Neri, U
TuTh.....2:00pm- 2:50pm (MTH 0306) DIS
0322 MWF.....1:00pm- 1:50pm (ARM 0135) Neri, U
TuTh.....2:00pm- 2:50pm (MTH 0307) DIS
0331 MWF.....1:00pm- 1:50pm (ARM 0135) Neri, U
TuTh.....3:00pm- 3:50pm (MTH 0306) DIS
0332 MWF.....1:00pm- 1:50pm (ARM 0135) Neri, U
TuTh.....3:00pm- 3:50pm (MTH 0307) DIS
0341 MWF.....1:00pm- 1:50pm (ARM 0135) Neri, U
TuTh.....4:00pm- 4:50pm (MTH 0306) DIS
0342 MWF.....1:00pm- 1:50pm (ARM 0135) Neri, U
TuTh.....4:00pm- 4:50pm (MTH 0307) DIS

MATH141H Calculus II; Grade Method: REG/P-F/AUD. 4 credits

(PermReq) CORE Distributive Studies Math or Formal Reasoning Course. USP Distributive Studies Area B Course. Prerequisite: MATH 140 or equivalent. Credit will be granted for only one of the following: MATH 141 or MATH 221.

2011 MTuWF.....12:00pm-12:50pm (MTH 0105) Lehner, G

MATH210 Elements of Mathematics; Grade Method: REG/P-F/AUD. USP Distributive Studies Area B Course. Prerequisite: one year of college preparatory algebra. Required for majors in elementary education, and open only to students in this field. MATH 210 is open only to the following majors: 08230-Educ Early Childhood, 0823X-Pre-Early Childhood Educ, 08020-Educ Elem, 0802X-Pre Elem Educ, 0808B-Spec Educ, 0808X-Prespecial Educ. 4 credits

0101 MF.....8:00am- 8:50am (MTH B0425) STAFF
W.....8:00am- 9:50am (MTH B0425)
0201 MF.....9:00am- 9:50am (MTH B0425) STAFF
Th.....8:00am- 9:50am (MTH B0425)
0301 MTh.....11:00am-11:50am (MTH B0429) STAFF
W.....11:00am-12:50pm (MTH B0429)
0401 MF.....1:00pm- 1:50pm (MTH B0429) STAFF
W.....1:00pm- 2:50pm (MTH B0429)
0501 MF.....2:00pm- 2:50pm (MTH B0429) STAFF
Th.....1:00pm- 2:50pm (MTH B0429)
0601 MF.....12:00pm-12:50pm (MTH B0429) STAFF
Tu.....11:00am-12:50pm (MTH B0429)

MATH211 Elements of Geometry; Grade Method: REG/P-F/AUD. USP Distributive Studies Area B Course. Prerequisite: MATH 210 or equivalent. 4 credits

0101 MF.....8:00am- 8:50am (MTH B0427) STAFF
W.....8:00am- 9:50am (MTH B0427)
0201 MF.....9:00am- 9:50am (MTH B0427) STAFF
Th.....8:00am- 9:50am (MTH B0427)
0301 MF.....1:00pm- 1:50pm (MTH B0427) STAFF
W.....1:00pm- 2:50pm (MTH B0427)
0501 MW.....10:00am-10:50am (MTH B0429) STAFF
F.....10:00am-11:50am (MTH B0429)

A student enrolled in MATH A220, Spring 1992 MATH 220, will have a reserved seat in the course for the Spring 1992 semester. The enrollment must be confirmed during Spring 1992 advance registration.

MATH220 (PermReq) Elementary Calculus I; Grade Method: REG/P-F/AUD. CORE Distributive Studies Math or Formal Reasoning Course. USP Distributive Studies Area B Course. Prerequisite: permission of department based on 3 1/2 years of college preparatory mathematics (including trigonometry) and satisfactory performance on the mathematics placement exam, or MATH 115. Not open to students majoring in mathematics, engineering or the physical sciences. Credit will be granted for only one of the following: MATH 140 or MATH 220. 3 credits

0111 MWF.....10:00am-10:50am (ARM 0131) Sweet, D
Tu.....11:00am-11:50am (MTH 0303) DIS
0112 MWF.....10:00am-10:50am (ARM 0131) Sweet, D
Tu.....11:00am-11:50am (MTH 0304) DIS
0121 MWF.....10:00am-10:50am (ARM 0131) Sweet, D
Tu.....12:00pm-12:50pm (MTH 0303) DIS
0122 MWF.....10:00am-10:50am (ARM 0131) Sweet, D
Tu.....12:00pm-12:50pm (MTH 0304) DIS
0131 MWF.....10:00am-10:50am (ARM 0131) Sweet, D
Tu.....1:00pm- 1:50pm (MTH 0303) DIS
0132 MWF.....10:00am-10:50am (ARM 0131) Sweet, D
Tu.....1:00pm- 1:50pm (MTH 0304) DIS
0141 MWF.....10:00am-10:50am (ARM 0131) Sweet, D
Tu.....2:00pm- 2:50pm (MTH 0303) DIS
0142 MWF.....10:00am-10:50am (ARM 0131) Sweet, D
Tu.....2:00pm- 2:50pm (MTH 0304) DIS
0211 MWF.....2:00pm- 2:50pm (ARM 0135) Zedek, M
Th.....11:00am-11:50am (MTH 0303) DIS
0212 MWF.....2:00pm- 2:50pm (ARM 0135) Zedek, M
Th.....11:00am-11:50am (MTH 0304) DIS
0221 MWF.....2:00pm- 2:50pm (ARM 0135) Zedek, M
Th.....12:00pm-12:50pm (MTH 0303) DIS
0222 MWF.....2:00pm- 2:50pm (ARM 0135) Zedek, M
Th.....12:00pm-12:50pm (MTH 0304) DIS
0231 MWF.....2:00pm- 2:50pm (ARM 0135) Zedek, M
Th.....1:00pm- 1:50pm (MTH 0303) DIS
0232 MWF.....2:00pm- 2:50pm (ARM 0135) Zedek, M
Th.....1:00pm- 1:50pm (MTH 0304) DIS

0241 MWF.....2:00pm- 2:50pm (ARM 0135) Zedek, M
Th.....2:00pm- 2:50pm (MTH 0303) DIS
0242 MWF.....2:00pm- 2:50pm (ARM 0135) Zedek, M
Th.....2:00pm- 2:50pm (MTH 0304) DIS
0311 TuTh.....9:30am-10:45am (ARM 0131) Boyle, M
M.....8:00am- 8:50am (MTH 0305) DIS
0312 TuTh.....9:30am-10:45am (ARM 0131) Boyle, M
M.....8:00am- 8:50am (MTH 0302) DIS
0321 TuTh.....9:30am-10:45am (ARM 0131) Boyle, M
M.....9:00am- 9:50am (MTH 0305) DIS
0322 TuTh.....9:30am-10:45am (ARM 0131) Boyle, M
M.....9:00am- 9:50am (MTH 0302) DIS
0331 TuTh.....9:30am-10:45am (ARM 0131) Boyle, M
M.....10:00am-10:50am (MTH 0305) DIS
0332 TuTh.....9:30am-10:45am (ARM 0131) Boyle, M
M.....10:00am-10:50am (MTH 0302) DIS
0341 TuTh.....9:30am-10:45am (ARM 0131) Boyle, M
M.....11:00am-11:50am (MTH 0305) DIS
0342 TuTh.....9:30am-10:45am (ARM 0131) Boyle, M
M.....11:00am-11:50am (MTH 0302) DIS
0411 TuTh.....2:00pm- 3:15pm (ARM 0131) Alter, M
M.....1:00pm- 1:50pm (MTH 0305) DIS
0412 TuTh.....2:00pm- 3:15pm (ARM 0131) Alter, M
M.....1:00pm- 1:50pm (MTH 0104) DIS
0421 TuTh.....2:00pm- 3:15pm (ARM 0131) Alter, M
M.....2:00pm- 2:50pm (MTH 0305) DIS
0422 TuTh.....2:00pm- 3:15pm (ARM 0131) Alter, M
M.....2:00pm- 2:50pm (MTH 0104) DIS
0431 TuTh.....2:00pm- 3:15pm (ARM 0131) Alter, M
M.....3:00pm- 3:50pm (MTH 0305) DIS
0432 TuTh.....2:00pm- 3:15pm (ARM 0131) Alter, M
M.....3:00pm- 3:50pm (MTH 0104) DIS
0441 TuTh.....2:00pm- 3:15pm (ARM 0131) Alter, M
M.....4:00pm- 4:50pm (MTH 0305) DIS
0442 TuTh.....2:00pm- 3:15pm (ARM 0131) Alter, M
M.....4:00pm- 4:50pm (MTH 0104) DIS

MATH221 Elementary Calculus II; Grade Method: REG/P-F/AUD. CORE Distributive Studies Math or Formal Reasoning Course. USP Distributive Studies Area B Course. Prerequisite: MATH 220, or MATH 140, or equivalent. Not open to students majoring in mathematics, engineering or the physical sciences. Credit will be granted for only one of the following: MATH 141 or MATH 221. 3 credits
0111 TuTh.....11:00am-12:15pm (ARM 0126) Lay, D
W.....8:00am- 8:50am (MTH 0305) DIS
0112 TuTh.....11:00am-12:15pm (ARM 0126) Lay, D
W.....8:00am- 8:50am (MTH 0302) DIS
0121 TuTh.....11:00am-12:15pm (ARM 0126) Lay, D
W.....9:00am- 9:50am (MTH 0305) DIS
0122 TuTh.....11:00am-12:15pm (ARM 0126) Lay, D
W.....9:00am- 9:50am (MTH 0302) DIS
0131 TuTh.....11:00am-12:15pm (ARM 0126) Lay, D
W.....10:00am-10:50am (MTH 0305) DIS
0132 TuTh.....11:00am-12:15pm (ARM 0126) Lay, D
W.....10:00am-10:50am (MTH 0302) DIS
0141 TuTh.....11:00am-12:15pm (ARM 0126) Lay, D
W.....11:00am-11:50am (MTH 0305) DIS
0142 TuTh.....11:00am-12:15pm (ARM 0126) Lay, D
W.....11:00am-11:50am (MTH 0302) DIS
0211 TuTh.....12:30pm- 1:45pm (ARM 0126) Greenberg, L
W.....1:00pm- 1:50pm (MTH 0305) DIS
0212 TuTh.....12:30pm- 1:45pm (ARM 0126) Greenberg, L
W.....1:00pm- 1:50pm (MTH 0104) DIS
0221 TuTh.....12:30pm- 1:45pm (ARM 0126) Greenberg, L
W.....2:00pm- 2:50pm (MTH 0305) DIS
0222 TuTh.....12:30pm- 1:45pm (ARM 0126) Greenberg, L
W.....2:00pm- 2:50pm (MTH 0104) DIS
0231 TuTh.....12:30pm- 1:45pm (ARM 0126) Greenberg, L
W.....3:00pm- 3:50pm (MTH 0305) DIS
0232 TuTh.....12:30pm- 1:45pm (ARM 0126) Greenberg, L
W.....3:00pm- 3:50pm (MTH 0104) DIS
0241 TuTh.....12:30pm- 1:45pm (ARM 0126) Greenberg, L
W.....4:00pm- 4:50pm (MTH 0305) DIS
0242 TuTh.....12:30pm- 1:45pm (ARM 0126) Greenberg, L
W.....4:00pm- 4:50pm (MTH 0104) DIS

MATH240 Introduction to Linear Algebra; Grade Method: REG/P-F/AUD. CORE Distributive Studies Math or Formal Reasoning Course. USP Distributive Studies Area B Course. Prerequisite: MATH 141 or equivalent. Credit will be granted for only one of the following: MATH 240 or MATH 400 or MATH 461. 4 credits
0111 MWF.....10:00am-10:50am (ARM 0135) Coombes, K
TuTh.....9:00am- 9:50am (MTH 0306) DIS
0112 MWF.....10:00am-10:50am (ARM 0135) Coombes, K
TuTh.....9:00am- 9:50am (MTH 0307) DIS
0121 MWF.....10:00am-10:50am (ARM 0135) Coombes, K
TuTh.....10:00am-10:50am (MTH 0306) DIS
0122 MWF.....10:00am-10:50am (ARM 0135) Coombes, K
TuTh.....10:00am-10:50am (MTH 0307) DIS
0131 MWF.....10:00am-10:50am (ARM 0135) Coombes, K
TuTh.....11:00am-11:50am (MTH 0306) DIS
0132 MWF.....10:00am-10:50am (ARM 0135) Coombes, K
TuTh.....11:00am-11:50am (MTH 0307) DIS
0141 MWF.....10:00am-10:50am (ARM 0135) Coombes, K
TuTh.....12:00pm-12:50pm (MTH 0306) DIS
0142 MWF.....10:00am-10:50am (ARM 0135) Coombes, K
TuTh.....12:00pm-12:50pm (MTH 0307) DIS

MATH241 Calculus III; Grade Method: REG/P-F/AUD. USP Distributive Studies Area B Course. Prerequisites: MATH 141 and any one of the following: MATH 240, or ENES 110, or PHYS 171. 4 credits
1411 MWF.....11:00am-11:50am (ARM 0126) Gulick, D
TuTh.....11:00am-11:50am (MTH 0405) DIS
1412 MWF.....11:00am-11:50am (ARM 0126) Gulick, D
TuTh.....11:00am-11:50am (MTH 0302) DIS
1421 MWF.....11:00am-11:50am (ARM 0126) Gulick, D
TuTh.....12:00pm-12:50pm (MTH 0405) DIS
1422 MWF.....11:00am-11:50am (ARM 0126) Gulick, D
TuTh.....12:00pm-12:50pm (MTH 0302) DIS
1431 MWF.....11:00am-11:50am (ARM 0126) Gulick, D
TuTh.....1:00pm- 1:50pm (MTH 1308) DIS
1432 MWF.....11:00am-11:50am (ARM 0126) Gulick, D
TuTh.....1:00pm- 1:50pm (MTH 0302) DIS
1441 MWF.....11:00am-11:50am (ARM 0126) Gulick, D
TuTh.....2:00pm- 2:50pm (MTH 1308) DIS
1442 MWF.....11:00am-11:50am (ARM 0126) Gulick, D
TuTh.....2:00pm- 2:50pm (MTH 0302) DIS
1601 TuTh.....11:00am-12:15pm (MTH 0411) Hamilton, D
W.....11:00am-11:50am (MTH 0411)
1701 TuTh.....12:30pm- 1:45pm (MTH 0411) Lopez-Escobar,
W.....1:00pm- 1:50pm (MTH 0411)
1901 MWThF.....1:00pm- 1:50pm (MTH 0102) Correl, E
2001 MF.....2:00pm- 2:50pm (MTH 1308) Currier, A
W.....3:00pm- 3:50pm (MTH 1308)
2101 TuTh.....8:00am- 9:15am (MTH 0304) Chang, D
W.....8:00am- 8:50am (MTH 0304)
2201 TuTh.....9:30am-10:45am (MTH 0102) Li, J
W.....10:00am-10:50am (MTH 0102)
2301 MW.....12:00pm-12:50pm (MTH 0305) Wilkerson, T
F.....11:00am-12:50pm (MTH 0305)
2401 TuTh.....2:00pm- 3:15pm (MTH 0102) Winkelnkemper,
W.....2:00pm- 2:50pm (MTH 0102)

MATH241H (PermReq) Calculus III; Grade Method: REG/P-F/AUD. USP Distributive Studies Area B Course. Prerequisites: MATH 141 and any one of the following: MATH 240, or ENES 110, or PHYS 171. 4 credits
3011 TuTh.....9:00am-10:50am (MTH 0302) Brin, M

MATH246 Differential Equations for Scientists and Engineers; Grade Method: REG/P-F/AUD. USP Distributive Studies Area B Course. Prerequisite: MATH 141 or equivalent. 3 credits
0101 MWF.....8:00am- 8:50am (MTH 0103) Sather, J
0201 MWF.....9:00am- 9:50am (MTH 0103) Lehner, G
0301 MWF.....10:00am-10:50am (MTH 0103) Kellogg, R
0401 MWF.....11:00am-11:50am (MTH 0103) Vonpeiersdorff,
0501 MWF.....12:00pm-12:50pm (MTH 0103) Stuck, G
0601 TuTh.....9:30am-10:45am (MTH 0304) Yakobson, M
0701 TuTh.....11:00am-12:15pm (MTH 0104) Goldberg, S
0801 TuTh.....12:30pm- 1:45pm (MTH 0103) Wu, J
1001 TuTh.....2:00pm- 3:15pm (MTH 1311) Nochetto, R
1101 TuTh.....2:00pm- 3:15pm (MTH 1313) Greenberg, L
1201 TuTh.....3:30pm- 4:45pm (MTH 0407) Efrat, I

MATH246H (PermReq) Differential Equations for Scientists and Engineers; Grade Method: REG/P-F/AUD. USP Distributive Studies Area B Course. Prerequisite: MATH 141 or equivalent. 3 credits
2011 TuTh.....9:30am-10:45am (MTH B0431) Kudla, S

MATH250 (PermReq) Analysis I (Honors); Grade Method: REG/P-F/AUD. CORE Distributive Studies Math or Formal Reasoning Course. USP Distributive Studies Area B Course. Prerequisite: permission of department. 4 credits
0111 TuTh.....9:00am-10:50am (MTH 0303) Rudolph, D

MATH299A Selected Topics in Mathematics; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

MATH299B Selected Topics in Mathematics: Mathematica; Grade Method: REG/P-F/AUD. Prerequisites: MATH 241 and MATH 246. 3 credits
0201 MWF.....9:00am- 9:50am (MTH B0429) Gray, A

MATH386 Field Work; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: MATH 387. 1-3 credits

MATH387 Field Work Analysis; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: MATH 386. 1-3 credits

MATH401 Applications of Linear Algebra; Grade Method: REG/P-F/AUD. Prerequisite: MATH 240 or MATH 400 or MATH 461. 3 credits
0101 MWF.....9:00am- 9:50am (MTH B0421) Chu, H
0201 MWF.....10:00am-10:50am (MTH 0307) Dancis, J
0301 MWF.....2:00pm- 2:50pm (MTH 0105) Helzer, G
0401 TuTh.....8:00am- 9:15am (MTH 0405) Hummel, J

MATH402 Algebraic Structures; Grade Method: REG/P-F/AUD. Prerequisite: MATH 240 or equivalent. Not open to mathematics graduate students. Credit will be granted for only one of the following: MATH 402 or MATH 403. Students planning graduate work in mathematics should take MATH 403. 3 credits
0101 MWF.....11:00am-11:50am (MTH 1313) Helzer, G
0201 MWF.....2:00pm- 2:50pm (MTH 1313) Schneider, D

MATH403 Introduction to Abstract Algebra; Grade Method: REG/P-F/AUD. Prerequisites: MATH 240 and MATH 241, or equivalent. Credit will be granted for only one of the following: MATH 402 or MATH 403. 3 credits
0101 TuTh.....11:00am-12:15pm (MTH 0101) Ehrlich, G

MATH405 Linear Algebra; Grade Method: REG/P-F/AUD. Prerequisite: MATH 240 or MATH 461. 3 credits
0101 TuTh.....2:00pm- 3:15pm (MTH 0411) Rosenberg, J

MATH406 Introduction to Number Theory; Grade Method: REG/P-F/AUD. CORE Advanced Studies Development of Knowledge Course. USP Advanced Studies Development of Knowledge Course. Prerequisite: MATH 141 or permission of department. 3 credits
0101 MWF.....10:00am-10:50am (MTH B0423) Kleppner, A
0201 MWF.....11:00am-11:50am (MTH 0409) Auslander, J
0301 TuTh.....11:00am-12:15pm (MTH B0421) Wang, K
0401 TuTh.....2:00pm- 3:15pm (MTH 0407) Schafer, J

MATH410 (PermReq) Advanced Calculus I; Grade Method: REG/P-F/AUD. Prerequisites: MATH 240; and MATH 241. 3 credits
0101 MWF.....8:00am- 8:50am (EGR 2107) Sweet, D
0201 MWF.....10:00am-10:50am (MTH 0101) Sather, J
0301 TuTh.....9:30am-10:45am (MTH 1308) Benedetto, J
0401 TuTh.....11:00am-12:15pm (MTH 0401) Kudla, S

MATH411 (PermReq) Advanced Calculus II; Grade Method: REG/P-F/AUD. Prerequisites: MATH 410; and MATH 240 or MATH 400. 3 credits
0101 TuTh.....8:00am- 9:15am (MTH 0407) Fitzpatrick, P
0201 TuTh.....2:00pm- 3:15pm (MTH 0103) Efrat, I

MATH414 Differential Equations; Grade Method: REG/P-F/AUD. Prerequisites: MATH 410; and MATH 240 or equivalent. 3 credits
0101 MWF.....10:00am-10:50am (MTH B0425) Berg, K

MATH415 Introduction to Partial Differential Equations; Grade Method: REG/P-F/AUD. Prerequisites: MATH 246; and [MATH 411 or MATH 251]. MATH 411 and MATH 415 may be taken concurrently. Credit will be granted for only one of the following: MATH 415 or MATH 462. 3 credits
0101 MWF.....12:00pm-12:50pm (MTH B0423) Cook, C

MATH430 Euclidean and Non-Euclidean Geometries; Grade Method: REG/P-F/AUD. CORE Advanced Studies Development of Knowledge Course. USP Advanced Studies Development of Knowledge Course. Prerequisite: MATH 141. 3 credits
0101 MWF.....10:00am-10:50am (MTH 0407) Green, P
0201 TuTh.....3:30pm- 4:45pm (MTH 0303) Winkelnkemper,

MATH432 Introduction to Point Set Topology; Grade Method: REG/P-F/AUD. Prerequisite: MATH 410 or equivalent. 3 credits
0101 MWF.....12:00pm-12:50pm (MTH B0425) Currier, A

MATH444 Elementary Logic and Algorithms; Grade Method: REG/P-F/AUD. Prerequisite: MATH 240. Also offered as CMSC 450. 3 credits
0101 MWF.....10:00am-10:50am (MTH 0105) Owings Jr., J
0201 MWF.....11:00am-11:50am (MTH 0105) Green, P

MATH461 Linear Algebra for Scientists and Engineers; Grade Method: REG/P-F/AUD. Prerequisites: MATH 141 and one MATH/STAT course for which MATH 141 is a prerequisite. This course cannot be used toward the upper level math requirements for MATH/STAT majors. Credit will be granted for only one of the following: MATH 240, MATH 400 or MATH 461. 3 credits
0101 MWF.....9:00am- 9:50am (MTH 0411) Cook, C
0201 MWF.....12:00pm-12:50pm (MTH 0409) Dancis, J
0301 MWF.....10:00am-10:50am (MTH 0306) Lay, D
0401 TuTh.....9:30am-10:45am (MTH 0407) Lopez-Escobar,
0501 MWF.....2:00pm- 2:50pm (MTH 0401) Correl, E
0601 TuTh.....2:00pm- 3:15pm (MTH B0421) Li, J
0701 TuTh.....3:30pm- 4:45pm (MTH B0421) Wu, J

MATH462 Partial Differential Equations For Scientists and Engineers; Grade Method: REG/P-F/AUD. Prerequisites: MATH 241; and MATH 246. Credit will be granted for only one of the following: MATH 462 or MATH 415. 3 credits
0101 MWF.....10:00am-10:50am (MTH B0421) Chu, H
0301 TuTh.....12:30pm- 1:45pm (MTH B0421) Brin, M
0401 TuTh.....9:30am-10:45am (MTH 0101) Chang, D
0501 TuTh.....11:00am-12:15pm (MTH 1308) Wilkerson, T
0601 TuTh.....2:00pm- 3:15pm (MTH 0101) Wang, X

MATH463 Complex Variables for Scientists and Engineers; Grade Method: REG/P-F/AUD. Prerequisite: MATH 241 or equivalent. 3 credits
0101 MWF.....10:00am-10:50am (MTH 0405) Neri, U
0201 MWF.....11:00am-11:50am (MTH 0403) Zedek, M
0301 MWF.....12:00pm-12:50pm (MTH 0403) Cohen, J
0401 TuTh.....8:00am- 9:15am (MTH B0421) Grove, K
0501 TuTh.....9:30am-10:45am (MTH B0421) Grove, K
0601 TuTh.....11:00am-12:15pm (MTH 0102) Olver, F
0701 TuTh.....3:30pm- 4:45pm (MTH 0101) Schafer, J

MATH464 Transform Methods For Scientists and Engineers; Grade Method: REG/P-F/AUD. Prerequisites: MATH 246; and MATH 463 3 credits
0101 TuTh.....2:00pm- 3:15pm (MTH 0401) Grillakis, M

MATH472 Methods and Models in Applied Mathematics I; Grade Method: REG/P-F/AUD. Prerequisite: [MATH 241; and MATH 246; and MATH 240; and PHYS 161 or PHYS 171] or permission of department. Recommended: one of: MATH 410, MATH 414, MATH 415, MATH 462, MATH 463 or PHYS 262, PHYS 273. Also offered as MAPL 472. Credit will be granted for only one of the following: MATH 472 and MAPL 472. 3 credits
0101 TuTh.....9:30am-10:45am (MTH 0107) Cooper, J

MATH475 Combinatorics and Graph Theory; Grade Method: REG/P-F/AUD. Prerequisites: MATH 240; and MATH 241. Also offered as CMSC 475. 3 credits
0101 TuTh.....2:00pm- 3:15pm (MTH 0301) Lipsman, R

MATH478A Selected Topics For Teachers of Mathematics; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. MATH 478A cannot be used toward the upper level MATH requirements for MATH/STAT majors. Earn credit for assisting in the classroom for selected mathematics courses. For further information come to MTH 1117. 1-3 credits

MATH498A Selected Topics in Mathematics; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-9 credits

MATH498B Selected Topics in Mathematics: Chaos and Dynamics; Grade Method: REG/P-F/AUD. 3 credits
0201 TuTh.....12:30pm- 1:45pm (MTH 0101) Rudolph, D

MATH498C Selected Topics in Mathematics: Introduction to Actuarial Mathematics; Grade Method: REG/P-F/AUD. Also offered as STAT 498C. 3 credits
0301 MWF.....11:00am-11:50am (MTH 0107) Slud, E

MATH600 Abstract Algebra I; Grade Method: REG/AUD. Prerequisite: MATH 405 or equivalent. 3 credits
0101 TuTh.....9:30am-10:45am (MTH 0401) Adams, W

MATH606 Algebraic Geometry I; Grade Method: REG/AUD. Prerequisite: MATH 600 and MATH 601. 3 credits
0101 MWF.....2:00pm- 2:50pm (CHM 2201) Coombes, K

MATH608A Selected Topics in Algebra; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 3 credits

MATH620 Algebraic Number Theory I; Grade Method: REG/AUD. Prerequisite: MATH 601. 3 credits
0101 TuTh.....11:00am-12:15pm (MTH B0427) Washington, L

MATH630 Real Analysis I; Grade Method: REG/AUD. Prerequisite: MATH 411 or equivalent. 3 credits
0101 MWF.....2:00pm- 2:50pm (MTH B0423) Berg, K
0201 TuTh.....9:30am-10:45am (MTH 0104) Goldberg, S

MATH632 Functional Analysis; Grade Method: REG/AUD. Prerequisite: MATH 631. 3 credits
0101 MWF.....1:00pm- 1:50pm (MTH 0301) Horvath, J

MATH642 Dynamical Systems I; Grade Method: REG/AUD. Prerequisites: MATH 432; and MATH 630 or equivalent. 3 credits
0101 TuTh.....12:30pm- 1:45pm (MTH 0301) Boyle, M

MATH648A Selected Topics in Analysis; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 3 credits

MATH660 Complex Analysis I; Grade Method: REG/AUD. Prerequisite: MATH 410 or equivalent. 3 credits
0101 TuTh.....3:30pm- 4:45pm (MTH 0304) Hamilton, D

MATH668A Selected Topics in Complex Analysis; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 3 credits

MATH669 Selected Topics in Riemann Surfaces: Arkelov-Faltings Theory; Grade Method: REG/AUD. 3 credits
0101 MWF.....12:00pm-12:50pm (MTH 0201) Wolpert, S

MATH670 Ordinary Differential Equations I; Grade Method: REG/AUD. Prerequisites: MATH 405; and MATH 410 or the equivalent. Also offered as MAPL 670. 3 credits
0101 TuTh.....11:00am-12:15pm (MTH 0107) Alexander, J

MATH673 Classical Methods in Partial Differential Equations I; Grade Method: REG/AUD. Prerequisite: MATH 410 or equivalent. Also offered as MAPL 673. 3 credits
0101 TuTh.....2:00pm- 3:15pm (MTH B0425) Antman, S

MATH680 Eigenvalue and Boundary Value Problems I; Grade Method: REG/AUD. Prerequisites: MATH 405; and MATH 410 or equivalent. Also offered as MAPL 680. 3 credits
0101 MWF.....11:00am-11:50am (MTH B0427) Pego, R

MATH710 Consistency Proofs in Set Theory; Grade Method: REG/AUD. Prerequisites: MATH 446; and MATH 447. 3 credits
0101 MWF.....9:00am- 9:50am (MTH 0107) Owings Jr., J

MATH712 Mathematical Logic I; Grade Method: REG/AUD. 3 credits
0101 MWF.....11:00am-11:50am (MTH 0201) Kueker, D

MATH718A Selected Topics in Mathematical Logic; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 3 credits

MATH730 Fundamental Concepts of Topology; Grade Method: REG/AUD. Prerequisites: [MATH 410; and MATH 411; and MATH 403] or equivalent. 3 credits
0101 MWF.....10:00am-10:50am (MTH 0107) Auslander, J

MATH740 Riemannian Geometry; Grade Method: REG/AUD. Prerequisites: [MATH 405; and MATH 411] or equivalent. 3 credits
0101 MWF.....11:00am-11:50am (MTH 0301) Cohen, J

MATH744 Lie Groups I; Grade Method: REG/AUD. Prerequisite: [MATH 403; MATH 405; MATH 411 and MATH 432] or equivalent. 3 credits
0101 MWF.....10:00am-10:50am (MTH 0201) Gray, A

MATH748A Selected Topics in Geometry and Topology; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 3 credits

MATH748B Selected Topics in Geometry and Topology; Grade Method: REG/AUD. 3 credits
0201 MWF.....1:00pm- 1:50pm (MTH 0201) Goldman, W

MATH799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

MATH899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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MEES Marine-Estuarine-Environmental Sciences (Life Sciences)

MEES608A Seminar in Marine-Estuarine-Environmental Sciences: Maryland's Future Water Supply Problem; Grade Method: REG/AUD. 1 credit
0101 M.....4:00pm- 6:00pm (ZOP 1230) Helz, G

MEES608B Seminar in Marine-Estuarine-Environmental Sciences; Grade Method: REG/AUD. Course given at Chesapeake Biological Laboratory. 1 credit
0101 Time and room to be arranged Dawson, R

MEES608C Seminar in Marine-Estuarine-Environmental Sciences: Historical Evolution of Biological Oceanography 1870-1970; Grade Method: REG/AUD. Course given at Horn Point Environmental Laboratory. 1 credit
0101 Time and room to be arranged Ducklow, H

MEES608N Seminar in Marine-Estuarine-Environmental Sciences: Marine Biotechnology; Grade Method: REG/AUD. Course given at COMB. 1 credit
0101 Time and room to be arranged Fletcher, M

MEES611 Systems Ecology of Estuaries; Grade Method: REG/AUD. Prerequisites: calculus and ZOOL 470 or ZOOL 480. Course taught at HPEL, Cambridge, MD. 3 credits
0101 W.....2:00pm- 5:00pm (Arranged) Kemp, W

MEES641 Environmental Toxicology; Grade Method: REG/AUD. Prerequisite: permission of instructor. 3 credits
0101 Time and room to be arranged Nelson, J

MEES661 Physics and Geology of Estuarine and Marine Environments; Grade Method: REG/AUD. 3 credits
0101 Th.....2:00pm- 4:45pm (HZF 1102) Sanford, L

MEES681 Coastal Resource Use, Law and Management: The Chesapeake; Grade Method: REG/AUD. 3 credits
0101 Tu.....4:00pm- 6:30pm (SYM 0200) Strand Jr., I

MEES698M Special Topics in Marine-Estuarine-Environmental Sciences: Wildlife Management and Ecology; Grade Method: REG/AUD. Course given at Appalachian Environmental Lab. 4 credits
0101 Time and room to be arranged Hoogland, J

MEES699 (PermReq) Special Problems in Marine-Estuarine-Environmental Sciences; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

MEES799 Masters Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

MEES899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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METO Meteorology (Comp, Math, & Phys Sci)

METO400 The Atmosphere; Grade Method: REG. Prerequisites: CHEM 103; and MATH 241; and MATH 246; and PHYS 263. 3 credits
0101 TuTh.....9:30am-10:45am (CSS 2114) Thompson, O

METO434 Air Pollution; Grade Method: REG/P-F/AUD. Prerequisites: [CHEM 113 and MATH 241] or permission of department. 3 credits
0101 TuTh.....8:00am- 9:15am (CSS 2106) Hudson, R

METO499 (PermReq) Special Problems in Atmospheric Science; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

METO600 Synoptic Meteorology I; Grade Method: REG/AUD. Pre- or corequisites: METO 610; and METO 620. 3 credits
0101 MWF.....3:00pm- 4:50pm (CSS 2114) STAFF

METO610 Dynamic Meteorology I; Grade Method: REG/AUD. Pre- or corequisite: MATH 462. 3 credits
0101 MWF.....9:00am- 9:50am (CSS 2114) Shukla, J

METO614 Numerical Weather Prediction; Grade Method: REG/AUD. Prerequisite: METO 611 or equivalent. 3 credits
0101 TBA (CSS 2114) Baer, F

METO617 General Circulation of the Atmosphere; Grade Method: REG/AUD. Prerequisite: METO 610. 3 credits
0101 MWF.....11:00am-11:50am (CSS 2114) Vernekar, A

METO620 (PermReq) Physical Meteorology I; Grade Method: REG/AUD. Prerequisite: MATH 461. 3 credits
0101 TuTh.....2:00pm- 3:15pm (CSS 2114) Robock, A

METO634 Air Sampling and Analysis; Grade Method: REG/AUD. Prerequisite: METO 434 or METO 637 or permission of department. 3 credits
0101 MF.....1:00pm- 1:50pm (CSS 2114) Dickerson, R
W.....1:00pm- 2:50pm (CSS 2114) LAB

METO658A Special Topics in Meteorology; Grade Method: REG/AUD. Prerequisites: MATH 241, PHYS 263 or permission of instructor. 3 credits
0101 TuTh.....11:00am-12:15pm (CSS 2114) Pinker, R

METO658E (PermReq) Special Topics in Meteorology; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

METO658Z Special Topics in Meteorology: Air - Surface Exchange; Grade Method: REG/AUD. Prerequisites: MATH 241 or consent of instructor. Recommended: STAT 400. 3 credits
0101 TuTh.....12:30pm- 1:45pm (CSS 2114) Hicks, B

METO670 General Circulation of the Ocean; Grade Method: REG/AUD. Prerequisite: METO 610 or equivalent. 3 credits
0101 MW.....3:00pm- 4:15pm (CSS 2106) Carton, J

METO799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

METO899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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MICB Microbiology (Life Sciences)

The following courses may involve the use of animals. Students who are concerned about the use of animals in teaching have the responsibility to contact the instructor, prior to enrollment, to determine whether animals are to be used in the course, whether class exercises involving animals are optional or required and what alternatives, if any, are available.

MICB100 Basic Microbiology; Grade Method: REG/P-F/AUD. CORE Distributive Studies Life Science Laboratory Course. USP Distributive Studies Area B Course. Credit will be granted for only one of the following: MICB 100 or MICB 200. This course is intended for non-science majors. Labs meet the first week of classes. 4 credits
0101 MWF.....10:00am-10:50am (ASY 2203) Benson, S
MW.....9:00am- 9:50am (MCB 1206) LAB
0102 MWF.....10:00am-10:50am (ASY 2203) Benson, S
MW.....11:00am-11:50am (MCB 1206) LAB
0103 MWF.....10:00am-10:50am (ASY 2203) Benson, S
MW.....12:00pm-12:50pm (MCB 1206) LAB
0104 MWF.....10:00am-10:50am (ASY 2203) Benson, S
MW.....1:00pm- 1:50pm (MCB 1206) LAB
0105 MWF.....10:00am-10:50am (ASY 2203) Benson, S
MW.....2:00pm- 2:50pm (MCB 1206) LAB
0106 MWF.....10:00am-10:50am (ASY 2203) Benson, S
MW.....3:00pm- 3:50pm (MCB 1206) LAB
0107 MWF.....10:00am-10:50am (ASY 2203) Benson, S
TuTh.....9:00am- 9:50am (MCB 1206) LAB
0108 MWF.....10:00am-10:50am (ASY 2203) Benson, S
TuTh.....10:00am-10:50am (MCB 1206) LAB
0109 MWF.....10:00am-10:50am (ASY 2203) Benson, S
TuTh.....11:00am-11:50am (MCB 1206) LAB
0110 MWF.....10:00am-10:50am (ASY 2203) Benson, S
TuTh.....12:00pm-12:50pm (MCB 1206) LAB

MICB200 General Microbiology; Grade Method: REG/P-F/AUD. CORE Distributive Studies Life Science Laboratory Course. USP Distributive Studies Area B Course. Prerequisite: BIOL 105. Credit will be granted for only one of the following: MICB 100 or MICB 200. Required for all MICB majors and prerequisite for all other departmental courses for MICB majors. Labs will start on first day of classes. 4 credits
0101 TuTh.....11:00am-11:50am (SHM 2101) Smith, A
MW.....9:00am-10:50am (MCB 1205) LAB
0102 TuTh.....11:00am-11:50am (SHM 2101) Smith, A
MW.....9:00am-10:50am (MCB 1201) LAB
0103 TuTh.....11:00am-11:50am (SHM 2101) Smith, A
MW.....12:00pm- 1:50pm (MCB 1205) LAB
0105 TuTh.....11:00am-11:50am (SHM 2101) Smith, A
MW.....2:00pm- 3:50pm (MCB 1205) LAB
0106 TuTh.....11:00am-11:50am (SHM 2101) Smith, A
MW.....2:00pm- 3:50pm (MCB 1201) LAB
0107 TuTh.....11:00am-11:50am (SHM 2101) Smith, A
TuTh.....9:00am-10:50am (MCB 1205) LAB
0108 TuTh.....11:00am-11:50am (SHM 2101) Smith, A
TuTh.....9:00am-10:50am (MCB 1205) LAB
0109 TuTh.....11:00am-11:50am (SHM 2101) Smith, A
TuTh.....12:00pm- 1:50pm (MCB 1205) LAB
0110 TuTh.....11:00am-11:50am (SHM 2101) Smith, A
TuTh.....12:00pm- 1:50pm (MCB 1201) LAB
0111 TuTh.....11:00am-11:50am (SHM 2101) Smith, A
TuTh.....2:00pm- 3:50pm (MCB 1205) LAB
0112 TuTh.....11:00am-11:50am (SHM 2101) Smith, A
TuTh.....2:00pm- 3:50pm (MCB 1201) LAB
0113 TuTh.....11:00am-11:50am (SHM 2101) Smith, A
TuTh.....4:00pm- 6:00pm (MCB 1201) LAB
0114 TuTh.....11:00am-11:50am (SHM 2101) Smith, A
TuTh.....4:00pm- 6:00pm (MCB 1206) LAB

MICB200H (PermReq) General Microbiology; Grade Method: REG. CORE Distributive Studies Life Science Laboratory Course. USP Distributive Studies Area B Course. Prerequisite: BIOL 105. Credit will be granted for only one of the following: MICB 100 or MICB 200. Labs will start on first day of classes. 4 credits
Limited to General Honors students; obtain permission from General Honors office. MICB majors who are not in General Honors may see Microbiology Department for special permission.
0101 TuTh.....11:00am-11:50am (SHM 2101) Smith, A
MW.....11:00am-12:50pm (ZOP 1232) LAB

MICB379 (PermReq) Honors Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. Open only to departmental honors students. 3 credits

MICB380 Bacterial Genetics; Grade Method: REG/P-F/AUD. Prerequisites: [CHEM 243 or CHEM 245] and MICB 200. 4 credits
0101 TuTh.....11:00am-11:50am (MCB 1207) Voll, M
TuTh.....2:00pm- 4:00pm (MCB 1103A) LAB
0102 TuTh.....11:00am-11:50am (MCB 1207) Voll, M
TuTh.....2:00pm- 4:00pm (MCB 1104) LAB

MICB388 (PermReq) Special Topics in Microbiology; Grade Method: REG/P-F/AUD. Prerequisite: two lab courses in microbiology. May be repeated but only 4 credits may be applied to major requirements. 1-4 credits
0101 Time and room to be arranged Hetrick, F

MICB388P (PermReq) Special Topics in Microbiology: Pre-Med Internship; Grade Method: REG/P-F. Prerequisite: 4 laboratory science courses, minimum GPA of 3.3; interest in medicine. Instructors will be R. Weiner, B. Epstein, G. Jaffe, and L. Cohen. 2 credits
0101 Th.....12:00pm- 4:00pm (MCB 2119) Weiner, R

MICB388R (PermReq) Special Topics in Microbiology: Special Topics in Microbiology Research Projects; Grade Method: REG. 2-4 credits
0101 Time and room to be arranged Joseph, S

MICB399 (PermReq) Microbiological Problems; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: 16 credits in MICB. May be repeated, but only 3 credits can be applied to major requirements. 3 credits

MICB440 Pathogenic Microbiology; Grade Method: REG/P-F/AUD. Prerequisite: MICB 200. 4 credits
0101 MW.....11:00am-11:50am (JMZ 0220) Joseph, S
TuTh.....9:00am-11:00am (MCB 1143) LAB
0102 MW.....11:00am-11:50am (JMZ 0220) Joseph, S
TuTh.....9:00am-11:00am (MCB 1135) LAB
0103 MW.....11:00am-11:50am (JMZ 0220) Joseph, S
TuTh.....11:00am- 1:00pm (MCB 1143) LAB
0104 MW.....11:00am-11:50am (JMZ 0220) Joseph, S
TuTh.....11:00am- 1:00pm (MCB 1135) LAB
0105 MW.....11:00am-11:50am (JMZ 0220) Joseph, S
TuTh.....1:00pm- 3:00pm (MCB 1143) LAB
0106 MW.....11:00am-11:50am (JMZ 0220) Joseph, S
TuTh.....3:00pm- 5:00pm (MCB 1135) LAB
0107 MW.....11:00am-11:50am (JMZ 0220) Joseph, S
TuTh.....1:00pm- 3:00pm (MCB 1138) LAB

MICB480 Microbial Ecology; Grade Method: REG/P-F/AUD. Prerequisites: MICB 200; and CHEM 243 or CHEM 245. 3 credits
0101 MWF.....1:00pm- 1:50pm (MCB 1207) Weiner, R

MICB674 Bacterial Metabolism; Grade Method: REG/AUD. Prerequisite: MICB 470 or equivalent; and BCHM 462. 2 credits
0101 MW.....4:00pm- 4:50pm (MCB 1207) MacQuillan, A

MICB688 (PermReq) Special Topics; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-4 credits

MICB688A (PermReq) Special Topics: Current Topics in Immunology; Grade Method: REG/AUD. 1 credit
0101 Time and room to be arranged Roberson, B

MICB688C (PermReq) Special Topics: Selected Topics in Marine Biotechnology; Grade Method: REG/AUD. 1 credit
0101 F.....10:00am-11:00am (MCB 2119) Weiner, R

MICB688J (PermReq) Special Topics: Current Topics in Bacterial Pathogenesis; Grade Method: REG/AUD. 1 credit
0101 Time and room to be arranged Joseph, S

MICB688K (PermReq) Special Topics: Current Topics in Systematics; Grade Method: REG/AUD. 1 credit
0101 Time and room to be arranged STAFF

MICB688M Special Topics: Bacterial Pathogenesis; Grade Method: REG/AUD. 1 credit
0101 W.....5:00pm- 5:50pm (MCB 1207) Deal, C

MICB688P (PermReq) Special Topics: Gene Expression and Regulation; Grade Method: REG/AUD. 2 credits
0101 Tu.....9:00am-11:00am (MCB 2119) Capage, M

MICB790 Genetics of Microorganisms; Grade Method: REG/AUD. Prerequisite: BCHM 461; and BCHM 462 or equivalent. 2 credits
0101 Th.....4:00pm- 5:50pm (MCB 1207) Robb, F

MICB788 Seminar; Grade Method: REG/AUD. 1 credit
0101 F.....12:00pm-12:50pm (MCB 1207) MacQuillan, A
F.....3:00pm- 5:00pm (MCB 1207) DIS

MICB799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

MICB899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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MUED Music Education (Education)

MUED410 (PermReq) Instrumental Arranging; Grade Method: REG/P-F/AUD. Prerequisites: MUSC 250 and permission of department. 2 credits
0101 MWF.....11:00am-11:50am (TWS 2138) Cooper, J

MUED411 Instrumental Music: Methods and Materials For the Elementary School; Grade Method: REG/AUD. 3 credits
0101 TuTh.....10:00am-11:50am (TWS 1123) Saunders, C
Time and room to be arranged LAB

MUED470 (PermReq) General Concepts For Teaching Music; Grade Method: REG/AUD. Corequisite: MUED 411 or MUED 471. 1 credit
0101 TuTh.....9:00am- 9:50am (TWS 3116) Saunders, C

MUED471 Methods For Teaching Elementary General Music; Grade Method: REG/AUD. 3 credits
0101 TuTh.....10:00am-12:00pm (TWS 3116) McCarthy, M

MUED499A (PermReq) Workshops, Clinics, Institutes: Developing Musicality in Children; Grade Method: REG/P-F/AUD. 3 credits
0101 Tu.....6:30pm- 9:00pm (TWS 3132) McCarthy, M

MUED4998 (PermReq) Workshops, Clinics, Institutes: Learning Theory in Music; Grade Method: REG/AUD. 3 credits
0101 Th.....6:30pm- 9:00pm (TWS 3132) Saunders, C

MUED662 Advanced Study: Developing Musicality in Children; Grade Method: REG/AUD. 3 credits
0101 Tu.....6:30pm- 9:00pm (TWS 3132) McCarthy, M

MUED692 Foundations of Music Education; Grade Method: REG/AUD. 3 credits
0101 M.....7:00pm- 9:30pm (TWS 3116) Folstrom, R

MUED698 (PermReq) Current Trends in Music Education: Learning Theory in Music; Grade Method: REG/AUD. 3 credits
0101 Th.....6:30pm- 9:00pm (TWS 3132) Saunders, C

MUSC Music (Arts and Humanities)

MUSC100 Beginning Class Voice; Grade Method: REG. 2 credits
0101 MW.....9:00am- 9:50am (TWS 3116) STAFF
0201 TuTh.....11:00am-11:50am (TWS 2135) STAFF
0301 MW.....11:00am-11:50am (TWS 1123) STAFF
0401 MW.....12:00pm-12:50pm (TWS 2123) STAFF
0501 MW.....1:00pm- 1:50pm (TWS 1123) STAFF
0601 MW.....2:00pm- 2:50pm (TWS 2123) STAFF
0701 TuTh.....2:00pm- 2:50pm (TWS 1123) STAFF

MUSC102 (PermReq) Beginning Class Piano I; Grade Method: REG. Recommended for MUED and MUSC majors with little or no piano experience. 2 credits
0101 MWF.....12:00pm-12:50pm (TWS 3218) Elliston, R

MUSC102B (PermReq) Beginning Class Piano I; Grade Method: REG/P-F. Limited to non-music majors. 2 credits
0101 TuTh.....9:30am-10:45am (TWS 3218) STAFF
0201 TuTh.....12:30pm- 1:45pm (TWS 3218) STAFF
0301 TuTh.....11:00am-12:15pm (TWS 3218) STAFF
0401 MWF.....10:00am-10:50am (TWS 3218) STAFF

MUSC110 (PermReq) Class Study of String Instruments; Grade Method: REG/P-F/AUD. Open only to majors in music education (vocal option). 2 credits
0101 TBA (TWS 1102) Fischbach, G

MUSC114 (PermReq) Class Study: Cello and Bass; Grade Method: REG/P-F/AUD. Open only to majors in music education (instrumental option). 2 credits
0101 MWF.....9:00am- 9:50am (TWS 1102) Elsing, E

MUSC116 (PermReq) Class Study: Clarinet; Grade Method: REG/AUD. Open only to majors in music education (instrumental option). 2 credits
0101 MWF.....8:00am- 8:50am (TWS 1123) STAFF
Tu.....8:00am- 8:50am (TWS 1102) LAB

MUSC120 (PermReq) Class Study: Cornet; Grade Method: REG/AUD. Open only to majors in music education (instrumental option). 2 credits
0101 MWF.....10:00am-10:50am (TWS 1102) Head, E
Tu.....8:00am- 8:50am (TWS 1102) LAB

MUSC123 Movement for Singers; Grade Method: REG/P-F/AUD. 1 credit
0101 Th.....12:30pm- 2:00pm (TWS 1125) Balthrop, C

MUSC128 (PermReq) Sight Reading For Pianists; Grade Method: REG. For Bachelor of Music piano majors only. 2 credits
0101 TuTh.....10:00am-10:50am (TWS 3129) Garvey, E

MUSC129A (PermReq) Ensemble: Chamber Music - Strings; Grade Method: REG. 1 credit
0101 Time and room to be arranged Elsing, E

MUSC129B Ensemble: Chamber Music - Woodwinds; Grade Method: REG. 1 credit
0101 TBA (TWS 3125) Montgomery, W
0301 TBA (TWS 1127) Jackson, R
0401 TBA (TWS 3145) Walters, E
0601 Time and room to be arranged Watkins, S

MUSC129C Ensemble: Chamber Music - Brasses; Grade Method: REG. 1 credit
0101 TBA (TWS 2229) Olson, O
0201 TBA (TWS 3121) Head, E
0301 Time and room to be arranged Sparks, L
0401 Time and room to be arranged Stevens, M

MUSC129D Ensemble: Chamber Music - Clarinet Choir; Grade Method: REG. 1 credit
0101 MF.....2:00pm- 2:50pm (TWS 1123) Walters, E

MUSC129E Ensemble: Chamber Music - Brass Choir; Grade Method: REG. 1 credit
0101 MW.....12:00pm-12:50pm (TWS 1102) Olson, O

MUSC129F Ensemble: Chamber Music - Percussion Ensemble; Grade Method: REG. 1 credit
0101 TuTh.....11:00am-12:15pm (TWS 1102) Barnett, R

MUSC129G Ensemble: Chamber Music - Percussion Keyboard Ensemble; Grade Method: REG. 1 credit
0101 TBA (TWS 1205) Barnett, R

MUSC129I Ensemble: 20th Century; Grade Method: REG/P-F/AUD. 1 credit
0101 TBA (TWS 1231D) LAB Gibson, R

MUSC129J Ensemble: Chamber Music - Jazz Ensemble; Grade Method: REG. 1 credit
0101 MW.....5:30pm- 7:00pm (TWS 1102) Ross, G
0201 MWF.....1:00pm- 1:50pm (TWS 1102) Ross, G

MUSC129K Ensemble: Chamber Music - Non-Western Ensemble; Grade Method: REG. 1 credit
0101 TBA (TWS 3108) Robertson, C

MUSC129L Ensemble: Chamber Music Mixed Media; Grade Method: REG. 1 credit
0101 TBA (TWS 3125) Montgomery, W

MUSC129M Ensemble: Chamber Music - Flute Choir; Grade Method: REG. 1 credit
0101 TuTh.....2:00pm- 3:15pm (TWS 3116) Montgomery, W

MUSC129T Ensemble: Tuba; Grade Method: REG/AUD. 1 credit
0101 MW.....11:00am-12:00pm (TWS 1102) Sparks, L

MUSC130 Survey of Music Literature; Grade Method: REG/AUD. CORE Distributive Studies Arts Course. USP Distributive Studies Area C Course. Open to all students except music and music education majors. 3 credits
0101 MW.....9:00am- 9:50am (TWS 2102) Davis, S
F.....9:00am- 9:50am (TWS 2102) LAB
0102 MW.....8:00am- 9:50am (TWS 2102) Davis, S
F.....10:00am-10:50am (TWS 2123) LAB
0103 MW.....9:00am- 9:50am (TWS 2102) Davis, S
F.....11:00am-11:50am (TWS 2135) LAB
0201 MW.....10:00am-10:50am (TWS 2102) Helm, E
F.....10:00am-10:50am (TWS 2102) LAB
0202 MW.....10:00am-10:50am (TWS 2102) Helm, E
F.....9:00am- 9:50am (TWS 2138) LAB
0203 MW.....10:00am-10:50am (TWS 2102) Helm, E
F.....11:00am-11:50am (TWS 3116) LAB
0301 MW.....11:00am-11:50am (TWS 2102) Wexler, R
F.....11:00am-11:50am (TWS 2102) LAB
0302 MW.....11:00am-11:50am (TWS 2102) Wexler, R
F.....9:00am- 9:50am (TWS 3116) LAB
0303 MW.....11:00am-11:50am (TWS 2102) Wexler, R
F.....12:00pm-12:50pm (TWS 2135) LAB

MUSC140 Music Fundamentals I; Grade Method: REG/AUD. CORE Distributive Studies Arts Course. USP Distributive Studies Area C Course. Limited to non-music majors. 3 credits
0101 MWF.....1:00pm- 1:50pm (TWS 2123) STAFF
0201 TuTh.....8:00am- 9:15am (TWS 2102) Olson, O
0301 TuTh.....11:00am-12:15pm (TWS 2102) STAFF
0401 TuTh.....9:30am-10:45am (TWS 2102) STAFF

MUSC150 (PermReq) Theory of Music I; Grade Method: REG. Prerequisite: departmental audition and entrance examination. For MUSC majors only. 3 credits
0101 MWF.....9:00am- 9:50am (TWS 2123) DeLio, T
TuTh.....9:00am- 9:50am (TWS 2123) LAB
0102 MWF.....9:00am- 9:50am (TWS 2123) DeLio, T
TuTh.....9:00am- 9:50am (TWS 2138) LAB
0201 TuThF.....9:00am- 9:50am (TWS 2135) Payerle, L
MW.....9:00am- 9:50am (TWS 2135) LAB
0202 TuThF.....9:00am- 9:50am (TWS 2135) Payerle, L
MW.....9:00am- 9:50am (TWS 2138) LAB

MUSC155 Fundamentals for the Classroom Teacher; Grade Method: REG/P-F/AUD. Open to students majoring in pre-early childhood education, pre-elementary education, elementary education, or childhood education; other students take MUSC 150. Credit will be granted for only one of the following: MUSC 150 or MUSC 155. 3 credits
0101 MWF.....11:00am-11:50am (TWS 2123) STAFF
0201 MWF.....10:00am-10:50am (TWS 3116) STAFF
0301 TuTh.....3:30pm- 4:45pm (TWS 2135) STAFF
0401 TuTh.....2:00pm- 3:15pm (TWS 2135) STAFF

MUSC200 Intermediate Class Voice I; Grade Method: REG/AUD. Prerequisite: MUSC 100 or equivalent vocal training. 2 credits
0101 MW.....5:00pm- 5:50pm (TWS 2135) STAFF
0201 TuTh.....3:00pm- 3:50pm (TWS 1123) STAFF

MUSC202 (PermReq) Intermediate Class Piano I; Grade Method: REG. Prerequisite: MUSC 103 or equivalent piano training. Only for voice and instrumental principals with limited piano experience. 2 credits
0101 MWF.....9:00am- 9:50am (TWS 3218) Elliston, R

MUSC210 The Impact of Music on Life; Grade Method: REG. CORE Distributive Studies Arts Course. CORE Distributive Studies Cultural Diversity Course. 3 credits
0101 MW.....1:00pm- 1:50pm (TWS 2102) Herndon, M
F.....1:00pm- 1:50pm (TWS 2102) DIS

0102 MW.....1:00pm- 1:50pm (TWS 2102) Herndon, M
F.....12:00pm-12:50pm (TWS 2123) DIS
0103 MW.....1:00pm- 1:50pm (TWS 2102) Herndon, M
F.....2:00pm- 2:50pm (TWS 2123) DIS

MUSC215 The Art of the Performer; Grade Method: REG/P-F. USP Distributive Studies Area C Course. 3 credits
0101 MWF.....12:00pm-12:50pm (TWS 2102) Walters, E

MUSC217 Class Composition I; Grade Method: REG. Prerequisite: MUSC 151 and permission of department. 2 credits
0101 F.....3:00pm- 5:00pm (TWS 3116) Moss, L

MUSC226 Vocal Diction: French; Grade Method: REG/P-F/AUD. 1 credit
0101 TuTh.....11:00am-11:50am (TWS 2123) McCoy, R

MUSC229A Ensemble: Orchestra; Grade Method: REG. Open by audition. 1 credit
0101 MWF.....3:00pm- 5:00pm (TWS 1102) Hudson, W
Tu.....7:00pm- 9:30pm (TWS 1102)

MUSC229D Ensemble: Symphonic Wind Ensemble; Grade Method: REG. Open by audition. 1 credit
0101 TuTh.....3:30pm- 5:45pm (TWS 1102) Wakefield, J

MUSC229E Ensemble: Concert Band; Grade Method: REG. Open by audition. 1 credit
0101 TuTh.....2:00pm- 3:15pm (TWS 1102) Sparks, L

MUSC229F Ensemble: Marching Band; Grade Method: REG. Open by audition. 1 credit
0101 MWF.....3:00pm- 5:00pm (Arranged) Sparks, L

MUSC229G Ensemble: Marching Band Repertoire; Grade Method: REG. Corequisite: MUSC 229F. 1 credit
0101 Th.....6:30pm- 8:30pm (TWS 1102) Sparks, L

MUSC229I Ensemble: Marching Band Auxiliary; Grade Method: REG. Corequisite: MUSC 229F. 1 credit
0101 TuTh.....6:00pm- 8:00pm (Arranged) Sparks, L

MUSC229R Ensemble: Repertoire Orchestra; Grade Method: REG/AUD. 1 credit
0101 W.....7:30pm- 9:30pm (TWS 1102) Head, E

MUSC250 Advanced Theory of Music I; Grade Method: (PermReq) REG. Prerequisite: MUSC 151 with a minimum grade of C. 4 credits
0101 MWF.....10:00am-10:50am (TWS 2135) Gibson, R
TuTh.....10:00am-10:50am (TWS 2135) LAB
0102 MWF.....10:00am-10:50am (TWS 2135) Gibson, R
TuTh.....10:00am-10:50am (TWS 2123) LAB
0201 TuThF.....10:00am-10:50am (TWS 2138) Payerle, L
MW.....10:00am-10:50am (TWS 2138) LAB
0202 TuThF.....10:00am-10:50am (TWS 2138) Payerle, L
MW.....10:00am-10:50am (TWS 2123) LAB

MUSC328 Chamber Music Performance for Pianists; (PermReq) Grade Method: REG/P-F/AUD. 2 credits
0101 TuTh.....11:00am-11:50am (TWS 3129) Garvey, E

MUSC329A Ensemble: University of Maryland Chorale; Grade Method: REG. Open by audition. 1 credit
0101 TuTh.....3:30pm- 5:30pm (TWS 2102) Folstrom, R

MUSC329D Ensemble: University Chorus; Grade Method: REG. Open by audition. Please report to TWS 2102. 1 credit
0101 Tu.....7:30pm-10:00pm (TWS 2102) Traver, P
TBA (TWS 2123)
TBA (TWS 2135)

MUSC329E Ensemble: Gospel Choir; Grade Method: REG. 1 credit
0101 Th.....7:00pm-10:00pm (TWS 2102) Foster, V

MUSC331 History of Music III; Grade Method: (PermReq) REG/P-F/AUD. Prerequisite: MUSC 230 and MUSC 330. 3 credits
0101 MWF.....2:00pm- 2:50pm (TWS 2135) Serwer, H

MUSC345 Jazz Theory and Improvisation I; Grade Method: REG/AUD. Prerequisite: MUSC 251 or permission of department. 3 credits
0101 M.....7:00pm-10:00pm (TWS 1102) Ross, G

MUSC379 (PermReq) Opera Workshop; Grade Method: REG/P-F/AUD. 2 credits
0101 TuTh.....11:00am-12:50pm (TWS 1228) STAFF

MUSC386 (PermReq) Field Work; Grade Method: REG/P-F/AUD. Corequisite: MUSC 387. 1-3 credits

0101 Time and room to be arranged Cooper, J

MUSC387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD. Corequisite: MUSC 386. 1-3 credits
0101 Time and room to be arranged Cooper, J

MUSC388 (PermReq) Music Internship; Grade Method: REG. 3 credits
0101 TBA (TWS 2114) Cooper, J

MUSC389 (PermReq) Music Internship Analysis; Grade Method: REG. 1 credit
0101 TBA (TWS 2114) Cooper, J

MUSC400S (PermReq) Music Pedagogy; Grade Method: REG/P-F/AUD. Pre- or corequisite: MUSC 418 or a more advanced course in applied music. For string majors. 3 credits
0101 Time and room to be arranged Elsing, E
0301 Time and room to be arranged Burris, C

MUSC400W (PermReq) Music Pedagogy; Grade Method: REG/P-F/AUD. Pre- or corequisite: MUSC 418 or a more advanced course in applied music. For wind and percussion majors. 3 credits
0101 Time and room to be arranged Barnett, R
0201 Time and room to be arranged Bowman, B
0301 Time and room to be arranged Head, E
0401 Time and room to be arranged Heim, N
0501 Time and room to be arranged Hudson, W
0601 Time and room to be arranged Jackson, R
0701 Time and room to be arranged Montgomery, W
0801 Time and room to be arranged Olson, O
0901 Time and room to be arranged Ross, G
1001 Time and room to be arranged Sparks, L
2001 Time and room to be arranged Stevens, M
3001 Time and room to be arranged Wakefield, J
4001 Time and room to be arranged Walters, E

MUSC428 (PermReq) Repertoire Coaching of Vocal or Chamber Music; Grade Method: REG. 2 credits
0201 TBA (TWS 3129) Garvey, E
0301 TBA (TWS 2233) McCoy, R

MUSC429 (PermReq) Opera Theater; Grade Method: REG/AUD. Please report to Room 2148B, Tawes Fine Arts, for time and room schedule. 2-3 credits
0101 TBA (TWS 3228) STAFF

MUSC438 Area Studies in Ethnomusicology: Music of the Jewish Diaspora; Grade Method: REG/P-F/AUD. 3 credits
0101 W.....3:30pm- 6:00pm (TWS 3116) Flam, G

MUSC443 (PermReq) Solo Vocal Literature; Grade Method: REG/P-F/AUD. Prerequisite: MUSC 330, MUSC 331 or equivalent. 3 credits
0101 Tu.....4:00pm- 6:30pm (TWS 3116) Urban, E

MUSC448 (PermReq) Selected Topics in Music; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

MUSC448E (PermReq) Selected Topics in Music: Advanced English Diction; Grade Method: REG/P-F/AUD. 1 credit
0101 W.....12:30pm- 2:00pm (TWS 3238) Mabbs, L

MUSC448G (PermReq) Selected Topics in Music: Advanced German Diction; Grade Method: REG/P-F/AUD. 1 credit
0101 W.....10:00am-12:00pm (TWS 3238) McDonald, J

MUSC448J (PermReq) Selected Topics in Music: Jazz Vocal Techniques and Piano Accompaniments; Grade Method: REG/AUD. Audition required. 2 credits
0101 W.....7:00pm-10:00pm (TWS 3218) Wells, R
0201 W.....4:00pm- 7:00pm (TWS 3218) LAB Wells, R

MUSC448K (PermReq) Selected Topics in Music: Fortepiano Masterclass; Grade Method: REG/P-F/AUD. For piano majors only. 2 credits
0101 TuTh.....9:00am- 9:50am (TWS 3129) Garvey, E

MUSC448L (PermReq) Selected Topics in Music: Music of the Amazon; Grade Method: REG/P-F/AUD. 3 credits
0101 Tu.....3:30pm- 6:00pm (TWS 2138) Seger, A

MUSC448P (PermReq) Selected Topics in Music: Masterclass in 17th and 18th Century Performance Practice; Grade Method: REG/P-F/AUD. 2 credits
0101 Th.....12:00pm- 2:50pm (TWS 2138) Weaver, J

MUSC448R (PermReq) Selected Topics in Music: The Business of Music I; Grade Method: REG/AUD. 2 credits
0101 MW.....2:00pm- 2:50pm (TWS 2102) Walters, E

MUSC448T (PermReq) Selected Topics in Music: Theories of Heinrich Schenker; Grade Method: REG/P-F/AUD. 2 credits
0101 M.....11:00am-12:50pm (TWS 3116) Delio, T

MUSC450 (PermReq) Musical Form; Grade Method: REG/AUD. Prerequisite: MUSC 251. 3 credits
0101 TuTh.....2:00pm- 3:15pm (TWS 2123) Payerle, L

MUSC481 Music in the Renaissance; Grade Method: REG/P-F/AUD. 3 credits
0101 MW.....2:00pm- 3:15pm (TWS 3116) Uexler, R

MUSC486 (PermReq) Orchestration I; Grade Method: REG/P-F/AUD. Prerequisite: MUSC 251. 2 credits
0101 MW.....12:00pm-12:50pm (TWS 2138) Gibson, R

MUSC490 (PermReq) Conducting; Grade Method: REG/AUD. Prerequisite: MUSC 251. 2 credits
0101 MWF.....1:00pm- 1:50pm (TWS 2138) Hudson, W
0201 MWF.....1:00pm- 1:50pm (TWS 2135) Cooper, J

MUSC492 (PermReq) Keyboard Music I; Grade Method: REG/P-F/AUD. 3 credits
0101 MW.....11:30am-12:50pm (TWS 2135) STAFF

MUSC499 (PermReq) Independent Studies; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 2-3 credits

MUSC608 (PermReq) Chamber Music Repertory; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

MUSC643 (PermReq) Seminar in Solo Vocal Literature I; Grade Method: REG/AUD. Prerequisite: MUSC 444 or equivalent. 3 credits
0101 Tu.....4:00pm- 6:30pm (TWS 3116) Urban, E

MUSC648A (PermReq) Seminar in Music Research; Grade Method: REG/AUD. For music performance majors only. Musicology and theory majors should register for MUSC 648B. 3 credits
0101 Tu.....9:30am-12:00pm (TWS 3131) Helm, E
0201 W.....7:00pm- 9:30pm (TWS 3131) Serwer, H

MUSC648B (PermReq) Seminar in Music Research; Grade Method: REG/AUD. For musicology and theory majors only. 3 credits
0101 Th.....9:30am-12:00pm (TWS 3131) Cohen, H

MUSC671 (PermReq) Advanced Analytical Techniques II; Grade Method: REG/AUD. Prerequisite: MUSC 451 or permission of department. 3 credits
0101 Th.....3:15pm- 5:45pm (TWS 3116) Moss, L

MUSC679 (PermReq) Seminar in Ethnomusicology; Grade Method: REG/AUD. 3 credits
0101 Th.....3:30pm- 6:00pm (TWS 2123) Herndon, M

MUSC685 Seminar in Music of the 20th Century; Grade Method: REG/AUD. 3 credits
0101 Tu.....7:00pm- 9:30pm (TWS 3116) Davis, S

MUSC689 (PermReq) Advanced Conducting; Grade Method: REG/AUD. 3 credits
0101 Th.....4:00pm- 6:30pm (TWS 2138) Traver, P
0201 TBA (TWS 3267) Hudson, W
0301 TBA (TWS 1108) Wakefield, J

MUSC699 (PermReq) Selected Topics in Music; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

MUSC699A (PermReq) Selected Topics in Music: Opera Techniques I; Grade Method: REG. Concurrent registration in MUSC 448E required. 1-3 credits
0101 Time and room to be arranged Major, L
Time and room to be arranged LAB

MUSC699C (PermReq) Selected Topics in Music: Advanced Opera Techniques I; Grade Method: REG. Concurrent registration in MUSC 448G required. 1-3 credits
0101 Time and room to be arranged Major, L
Time and room to be arranged LAB

MUSC699E (PermReq) Selected Topics in Music: Opera Production; Grade Method: REG. 2-3 credits

0101 TBA (TWS 3228) Major, L

MUSC699J (PermReq) Selected Topics in Music: Jazz Vocal Techniques and Piano Accompaniments; Grade Method: REG/AUD. Audition required. 2 credits
0101 W.....7:00pm-10:00pm (TWS 3218) Wells, R
0201 W.....4:00pm- 7:00pm (TWS 3218) LAB Wells, R

MUSC699K (PermReq) Selected Topics in Music: Fortepiano Masterclass; Grade Method: REG/AUD. For piano majors only. 2 credits
0101 TuTh.....9:00am- 9:50am (TWS 3129) Garvey, E

MUSC699L (PermReq) Selected Topics in Music: Music of the Amazon; Grade Method: REG/AUD. 3 credits
0101 Tu.....3:30pm- 6:00pm (TWS 2138) Seger, A

MUSC699P (PermReq) Selected Topics in Music: Masterclass in 17th and 18th Century Performance Practice; Grade Method: REG/AUD. 2 credits
0101 Th.....12:00pm- 2:50pm (TWS 2138) Weaver, J

MUSC699R (PermReq) Selected Topics in Music: The Business of Music I; Grade Method: REG/AUD. 2 credits
0101 MW.....2:00pm- 2:50pm (TWS 2102) Walters, E

MUSC699T (PermReq) Selected Topics in Music: Theories of Heinrich Schenker; Grade Method: REG/AUD. 2 credits
0101 M.....11:00am-12:50pm (TWS 3116) Delio, T

MUSC799 Master's Thesis Research; Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

MUSC800C (PermReq) Advanced Seminar in Music Pedagogy; Grade Method: REG. Prerequisites: MUSC 400 or equivalent, doctoral standing and permission of instructor. 3 credits
0101 TBA (TWS 2140A) Traver, P

MUSC800S (PermReq) Advanced Seminar in Music Pedagogy; Grade Method: REG/AUD. Prerequisites: MUSC 400 or equivalent, doctoral standing and permission of instructor. For string majors. 3 credits
0101 Time and room to be arranged Elsing, E
0301 Time and room to be arranged Burris, C

MUSC800V (PermReq) Advanced Seminar in Music Pedagogy; Grade Method: REG/AUD. Prerequisites: MUSC 400 or equivalent, doctoral standing and permission of instructor. 3 credits
0101 TBA (TWS 2120) Fleming, L

MUSC800W (PermReq) Advanced Seminar in Music Pedagogy; Grade Method: REG/AUD. Prerequisites: MUSC 400 or equivalent, doctoral standing and permission of instructor. For wind and percussion majors. 3 credits
0101 Time and room to be arranged Barnett, R
0201 Time and room to be arranged Bowman, B
0301 Time and room to be arranged Head, E
0501 Time and room to be arranged Hudson, W
0601 Time and room to be arranged Jackson, R
0701 Time and room to be arranged Montgomery, W
0801 Time and room to be arranged Olson, O
0901 Time and room to be arranged Ross, G
1001 Time and room to be arranged Sparks, L
2001 Time and room to be arranged Stevens, M
3001 Time and room to be arranged Wakefield, J
4001 Time and room to be arranged Walters, E

MUSC801C (PermReq) Advanced Seminar in Music Pedagogy; Grade Method: REG. Prerequisites: MUSC 400 or equivalent, doctoral standing and permission of instructor. 3 credits
0101 TBA (TWS 2140A) Traver, P

MUSC801W (PermReq) Advanced Seminar in Music Pedagogy; Grade Method: REG/AUD. Prerequisites: MUSC 400 or equivalent, doctoral standing and permission of instructor. Advanced special students require department authorization. For wind and percussion majors. 3 credits
0101 Time and room to be arranged Barnett, R
0201 Time and room to be arranged Bowman, B
0301 Time and room to be arranged Head, E
0501 Time and room to be arranged Hudson, W
0601 Time and room to be arranged Jackson, R
0701 Time and room to be arranged Montgomery, W
0801 Time and room to be arranged Olson, O
0901 Time and room to be arranged Ross, G
1001 Time and room to be arranged Sparks, L
2001 Time and room to be arranged Stevens, M
3001 Time and room to be arranged Wakefield, J
4001 Time and room to be arranged Walters, E

MUSC830C (PermReq) Doctoral Seminar in Music Literature; Grade Method: REG. Prerequisite: at least twelve hours in music history and literature. 3 credits
0101 TBA (TWS 2140A) Traver, P

MUSC830S (PermReq) Doctoral Seminar in Music Literature; Grade Method: REG/AUD. Prerequisite: at least twelve hours in music history and literature. For string majors. 3 credits
0201 W.....11:00am- 1:30pm (TWS 3116) Fischbach, G

MUSC830W (PermReq) Doctoral Seminar in Music Literature; Grade Method: REG/AUD. Prerequisite: at least twelve hours in music history and literature. For wind and percussion majors. 3 credits
0101 Time and room to be arranged Barnett, R
0201 Time and room to be arranged Bowman, B
0301 Time and room to be arranged Head, E
0501 Time and room to be arranged Hudson, W
0601 Time and room to be arranged Jackson, R
0701 Time and room to be arranged Montgomery, W
0801 Time and room to be arranged Olson, O
0901 Time and room to be arranged Ross, G
1001 Time and room to be arranged Sparks, L
2001 Time and room to be arranged Stevens, M
3001 Time and room to be arranged Wakefield, J
4001 Time and room to be arranged Walters, E

MUSC831C (PermReq) Doctoral Seminar in Music Literature; Grade Method: REG. Prerequisite: MUSC 830 or permission of instructor. 3 credits
0101 TBA (TWS 2140A) Traver, P

MUSC831W (PermReq) Doctoral Seminar in Music Literature; Grade Method: REG/AUD. Prerequisite: MUSC 830 or permission of instructor. For wind and percussion majors. 3 credits
0101 Time and room to be arranged Barnett, R
0201 Time and room to be arranged Bowman, B
0301 Time and room to be arranged Head, E
0501 Time and room to be arranged Hudson, W
0601 Time and room to be arranged Jackson, R
0701 Time and room to be arranged Montgomery, W
0801 Time and room to be arranged Olson, O
0901 Time and room to be arranged Ross, G
1001 Time and room to be arranged Sparks, L
1501 Time and room to be arranged Gibson, R
2001 Time and room to be arranged Stevens, M
3001 Time and room to be arranged Wakefield, J
4001 Time and room to be arranged Walters, E

MUSC878 (PermReq) Advanced Composition; Grade Method: REG/AUD. 3 credits
0101 TBA (TWS 1219B) Moss, L
0201 TBA (TWS 1241) Delio, T
0301 TBA (TWS 1231C) Wilson, M
0401 TBA (TWS 1241A) Gibson, R

MUSC899 Doctoral Dissertation Research; Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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MUSP Music Performance (Arts & Humanities)

Individual performance instruction courses in piano, voice and instruments are open to qualified major and non-major students by prior audition and permission of the Music Department Chairman.

Audition schedules, prerequisites, instructor section numbers, and registration permission forms may be obtained in the Department of Music Office.

INSTRUMENT DESIGNATION
Indicate the instrument chosen by adding a suffix to the course number.

SUFFIX	INSTRUMENT	SUFFIX	INSTRUMENT	SUFFIX	INSTRUMENT
A	Piano	J	Bassoon		
B	Voice	K	Saxophone	T	Composition
C	Violin	L	Horn	U	World inst undergrad
D	Viola	M	Trumpet	U	Conducting graduate
E	Cello	N	Trombone	V	Harp
F	Bass	O	Tuba	W	Electronic comp.
G	Flute	P	Euphonium	X	Hist inst - keyboard
H	Oboe	Q	Percussion	Y	Hist inst - strings
I	Clarinet			Z	Hist inst - winds

MINOR SERIES

Intended for either music majors studying a secondary instrument or non-music majors. Each course in the series must be taken in sequence. The initial election for all new students, both freshman and transfer, is 102. Transfer students are evaluated for higher placement after one semester of study.

MUSP102, 103, 202, 203, 302, 303, 402, 403 2 credits
(PermReq) Music Performance; Minor Series
Grade Method: REG
Instruments offered: A,B,C,D,E,F, G,H,I,J,K,L,M,N,O,P,Q,U,V,X,Y,Z
Time and room to be arranged.

Minor series lessons for non-major pianists are given on a space-available basis and may not be registered for before the beginning of the semester. Contact the Chair of the Piano Division on the first day of classes, giving your name, telephone number, and number of years of piano study. Your name will be placed on a waiting list, and if there is an opening for you in a faculty member's schedule, then you will be called by that faculty member. At that point you will register for the course.

PRINCIPAL SERIES

Intended for students majoring in music programs other than performance and composition. Each course in the series must be taken in sequence. The initial election for all new students, both freshman and transfer, is 109. Transfer students are evaluated for higher placement after one semester of study.

MUSP109, 110, 207, 208, 305, 306, 409, 410 2 or 4 credits
(PermReq) Music Performance; Principal Series
Grade Method: REG
Instruments offered: A,B,C,D,E,F, G,H,I,J,K,L,M,N,O,P,Q,X,Y,Z
Time and room to be arranged.

MUSP609 Interpretation and Repertoire 2 credits
(PermReq) Grade Method: REG
Instruments offered: A,B,C,D,E,F, G,H,I,J,K,L,M,N,O,P,Q,T,U,X
Time and room to be arranged

MUSP610 Graduate Music Performance 4 credits
(PermReq) Grade Method: REG
Instruments offered: A,B,C,D,E,F, G,H,I,J,K,L,M,N,O,P,Q,T,U,X
Time and room to be arranged.

MAJOR SERIES

Intended for students majoring in music performance and composition. Each course in the series must be taken in sequence. The initial election for all new students, both freshman and transfer, is 119. Transfer students are evaluated for higher placement after one semester of study.

MUSP119, 120, 217, 218, 315, 316, 419, 420 2 or 4 credits
(PermReq) Music Performance; Major Series
Grade Method: REG
Instruments offered: A,B,C,D,E,F, G,H,I,J,K,L,M,N,O,P,Q,T,W
Time and room to be arranged.

MUSP619 Interpretation and Repertoire 2 or 4 credits
(PermReq) Grade Method: REG
Instruments offered: A,B,C,D,E,F, G,H,I,J,K,L,M,N,O,P,Q,T,U,V,W
Time and room to be arranged

MUSP620 Graduate Music Performance 4 credits
(PermReq) Grade Method: REG
Instruments offered: A,B,C,D,E,F, G,H,I,J,K,L,M,N,O,P,Q,T,U,V,W
Time and room arranged.

MUSP719 Interpretation and Repertoire 2 or 4 credits
(PermReq) Grade Method: REG
Instruments offered: A,B,C,D,E,F, G,H,I,J,K,L,M,N,O,P,Q,T,U,W
Time and room to be arranged.

MUSP815 (PermReq) Interpretation, Performance, and Pedagogy — 4 credits
Grade Method: REG
Instruments offered: A,B,C,D,E,F, G,H,I,J,K,L,M,N,O,P,Q,T,U,W
Time and room to be arranged.

MUSP816 (PermReq) Interpretation, Performance, and Pedagogy — 4 credits
Grade Method: REG
Instruments offered: A,B,C,D,E,F, G,H,I,J,K,L,M,N,O,P,Q,T,U,W
Time and room to be arranged.

MUSP817 (PermReq) Interpretation, Performance, and Pedagogy — 4 credits
Grade Method: REG
Instruments offered: A,B,C,D,E,F, G,H,I,J,K,L,M,N,O,P,Q,T,U,W
Time and room to be arranged.

NRMT Natural Resources Management (Agriculture)

NRMT389 Internship; Grade Method: S-F. — 3 credits
0001 Time and room to be arranged — Kangas, P

NRMT489 Field Experience: Field Experience; Grade Method: REG/P-F/AUD. — 1-4 credits
0001 Time and room to be arranged — Kangas, P

NUSC Nutritional Sciences (Human Ecology)

The following courses may involve the use of animals. Students who are concerned about the use of animals in teaching have the responsibility to contact the instructor, prior to course enrollment, to determine whether animals are to be used in the course, whether class exercises involving animals are optional or required and what alternatives, if any, are available.

NUSC402 Fundamentals of Nutrition; Grade Method: REG/P-F/AUD. Prerequisites: CHEM 104; and ANSC 212. Recommended: BCHM 261. Also offered as ANSC 401. — 3 credits
0101 MWF.....9:00am- 9:50am (CSS 2330) — Thomas, O

NUSC450 (PermReq) Advanced Human Nutrition II; Grade Method: REG/P-F/AUD. Prerequisites: permission of department; NUTR 440; and BCHM 261 or concurrent registration in BCHM 462. Also offered as NUTR 450. Course offered fall semester only. — 4 credits
0101 MWF.....1:00pm- 1:50pm (MRH 3418) — Moser-Veillon,
M.....2:00pm- 5:00pm (MRH 3419) LAB
0102 MWF.....1:00pm- 1:50pm (MRH 3418) — Moser-Veillon,
W.....2:00pm- 5:00pm (MRH 3419) LAB

NUSC603 Mineral Metabolism; Grade Method: REG/AUD. Prerequisites: BCHM 461; and BCHM 462. Also offered as ANSC 603. — 3 credits
0101 MF.....10:00am-12:00pm (EGR 3108) — Soares Jr, J
Time and room to be arranged DIS

NUSC663 Advanced Nutrition Laboratory; Grade Method: REG/AUD. Prerequisites: ANSC 401/NUSC 402; and either BCHM 462 or NUSC 670. Also offered as ANSC 663. — 3 credits
0101 Time and room to be arranged — Doerr, J

NUSC698 Seminar in Nutrition; Grade Method: REG/AUD. — 1-3 credits
0101 Tu.....4:00pm- 4:50pm (MRH 1304) — Szepesi, B

NUSC699 (PermReq) Problems in Nutrition; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-4 credits

NUSC799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

NUSC899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

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NUTR Nutrition (Human Ecology)

The following courses may involve the use of animals. Students who are concerned about the use of animals in teaching have the responsibility to contact the instructor, prior to course enrollment, to determine whether animals are to be used in the course, whether class exercises involving animals are optional or required and what alternatives, if any, are available.

NUTR100 Elements of Nutrition; Grade Method: REG/P-F/AUD. CORE Distributive Studies Life Science Course. USP Distributive Studies Area B Course. — 3 credits
0101 MWF.....10:00am-10:50am (ARM 0126) — Cook, P

NUTR330 Nutritional Biochemistry; Grade Method: REG/P-F/AUD. Prerequisites: CHEM 104 or CHEM 233 or CHEM 235; NUTR 100 or NUTR 200. — 3 credits
0101 TuTh.....8:00am- 9:15am (MRH 3418) — STAFF

NUTR335 History of Nutrition; Grade Method: REG/P-F/AUD. CORE Advanced Studies Development of Knowledge Course. USP Advanced Studies Development of Knowledge Course. Prerequisite: course in basic nutrition. — 3 credits
0101 TuTh.....11:00am-12:15pm (ARM 0131) — Ahrens, R

NUTR425 International Nutrition; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. Prerequisite: course in basic nutrition. Also offered as NUSC 425. — 3 credits
0101 TuTh.....11:00am-12:15pm (MRH 3418) — Jackson, R

NUTR450 (PermReq) Advanced Human Nutrition II; Grade Method: REG/P-F/AUD. Prerequisites: NUTR 440 or permission of department. Also offered as NUSC 450. Course offered fall semesters only. — 4 credits
0101 MWF.....1:00pm- 1:50pm (MRH 3418) — Moser-Veillon,
M.....2:00pm- 5:00pm (MRH 3419) LAB
0102 MWF.....1:00pm- 1:50pm (MRH 3418) — Moser-Veillon,
W.....2:00pm- 5:00pm (MRH 3419) LAB

NUTR468 (PermReq) Practicum in Nutrition; Grade Method: S-F. — 1-6 credits
0101 TuTh.....3:30pm- 4:45pm (MRH 3418) — Curtis, S

NUTR470 Community Nutrition; Grade Method: REG/P-F/AUD. Prerequisites: NUTR 440 or permission of department. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (MRH 3418) — STAFF

NUTR490 (PermReq) Special Problems in Nutrition; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: NUTR 440 and permission of department. — 2-3 credits

NUTR498A (PermReq) Selected Topics: Individual Study; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

NUTR498P (PermReq) Selected Topics: Peer Nutrition Education; Grade Method: REG/P-F/AUD. — 1 credit
0101 Time and room to be arranged — Cook, P

NUTR630 Nutritional Aspects of Energy Balance; Grade Method: REG/AUD. Prerequisite: NUTR 450 or equivalent; or permission of department. — 3 credits
0101 MW.....4:00pm- 5:15pm (MRH 3418) — Castonguay, T

NUTR635 Carbohydrates, Lipids and Proteins in Human Nutrition; Grade Method: REG/AUD. Prerequisite: NUTR 450 or equivalent. — 3 credits
0101 MW.....5:30pm- 6:45pm (MRH 0108) — Ahrens, R

NUTR660 Research Methods; Grade Method: REG/AUD. Prerequisite: a statistics course. — 3 credits
0101 TuTh.....5:00pm- 6:15pm (MRH 3418) — Prather, M

NUTR678A (PermReq) Selected Topics in Nutrition: Individual Study; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

NUTR678P (PermReq) Selected Topics in Nutrition; Grade Method: REG/AUD. — 1-6 credits
0101 Time and room to be arranged — STAFF

NUTR688 Seminar in Nutrition; Grade Method: REG/AUD. — 1 credit
0101 Th.....4:00pm- 4:50pm (MRH 1304) — Moser-Veillon,

NUTR699 (PermReq) Problems in Nutrition; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-4 credits

NUTR799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

NUTR888 (PermReq) Doctoral Seminar; Grade Method: REG/AUD. — 1 credit
0101 F.....2:00pm- 4:00pm (MRH 0108) — Read, M

NUTR899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

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PHIL Philosophy (Arts and Humanities)

PHILOSOPHY DEPARTMENT HANDBOOK

All philosophy courses are described in detail (course content, textbooks, written assignments, etc.) in the Philosophy Department Handbook. Copies are now available in Room 4360 of the Computer and Space Sciences Building.

PHIL100 Introduction to Philosophy; Grade Method: REG/P-F/AUD. CORE Distributive Studies Humanities Course. USP Distributive Studies Area A Course. — 3 credits
0101 MW.....12:00pm-12:50pm (ARM 0126) — Celarier, J
F.....9:00am- 9:50am (EGR 2112) DIS
0102 MW.....12:00pm-12:50pm (ARM 0126) — Celarier, J
F.....10:00am-10:50am (CHE 2120) DIS
0103 MW.....12:00pm-12:50pm (ARM 0126) — Celarier, J
F.....10:00am-10:50am (CHE 2145) DIS
0104 MW.....12:00pm-12:50pm (ARM 0126) — Celarier, J
F.....12:00pm-12:50pm (CHE 2120) DIS
0105 MW.....12:00pm-12:50pm (ARM 0126) — Celarier, J
F.....12:00pm-12:50pm (CHM 0119) DIS
0106 MW.....12:00pm-12:50pm (ARM 0126) — Celarier, J
F.....10:00am-10:50am (CLB 0104) DIS
0107 MW.....12:00pm-12:50pm (ARM 0126) — Celarier, J
F.....12:00pm-12:50pm (CLB 0104) DIS
0108 MW.....12:00pm-12:50pm (ARM 0126) — Celarier, J
F.....11:00am-11:50am (CLB 0104) DIS
0109 MW.....12:00pm-12:50pm (ARM 0126) — Celarier, J
F.....1:00pm- 1:50pm (CLB 0104) DIS
0201 WF.....1:00pm- 1:50pm (ARM 0131) — Martin, R
M.....9:00am- 9:50am (CHE 2140) DIS
0202 WF.....1:00pm- 1:50pm (ARM 0131) — Martin, R
M.....9:00am- 9:50am (EGR 1106) DIS
0203 WF.....1:00pm- 1:50pm (ARM 0131) — Martin, R
M.....12:00pm-12:50pm (CHE 2136) DIS
0204 WF.....1:00pm- 1:50pm (ARM 0131) — Martin, R
M.....12:00pm-12:50pm (CHE 2140) DIS
0205 WF.....1:00pm- 1:50pm (ARM 0131) — Martin, R
M.....1:00pm- 1:50pm (CHM 0127) DIS
0206 WF.....1:00pm- 1:50pm (ARM 0131) — Martin, R
M.....1:00pm- 1:50pm (CHM 2201) DIS
0207 WF.....1:00pm- 1:50pm (ARM 0131) — Martin, R
M.....1:00pm- 1:50pm (EGR 3110) DIS
0208 WF.....1:00pm- 1:50pm (ARM 0131) — Martin, R
M.....12:00pm-12:50pm (CHM 0127) DIS
0209 WF.....1:00pm- 1:50pm (ARM 0131) — Martin, R
M.....10:00am-10:50am (CSS 2352) DIS

PHIL103 Self and Identity; Grade Method: REG/P-F/AUD. CORE Distributive Studies Humanities Course. — 3 credits
0101 WF.....2:00pm- 2:50pm (CHE 2110) — Martin, R
M.....2:00pm- 2:50pm (CHM 0128) DIS
0102 WF.....2:00pm- 2:50pm (CHE 2110) — Martin, R
M.....3:00pm- 3:50pm (CHM 0122) DIS
0103 WF.....2:00pm- 2:50pm (CHE 2110) — Martin, R
M.....12:00pm-12:50pm (CHM 0122) DIS

PHIL140 Contemporary Moral Issues; Grade Method: REG/P-F/AUD. CORE Distributive Studies Humanities Course. USP Distributive Studies Area D Course. — 3 credits
0101 MW.....1:00pm- 1:50pm (ARC 0204) — Odell, S
F.....11:00am-11:50am (CSS 2330) DIS
0102 MW.....1:00pm- 1:50pm (ARC 0204) — Odell, S
F.....1:00pm- 1:50pm (CHE 2145) DIS
0103 MW.....1:00pm- 1:50pm (ARC 0204) — Odell, S
F.....2:00pm- 2:50pm (JMP 1202) DIS
0104 MW.....1:00pm- 1:50pm (ARC 0204) — Odell, S
F.....11:00am-11:50am (CLB 0109) DIS
0105 MW.....1:00pm- 1:50pm (ARC 0204) — Odell, S
F.....1:00pm- 1:50pm (CHM 0115) DIS
0106 MW.....1:00pm- 1:50pm (ARC 0204) — Odell, S
F.....2:00pm- 2:50pm (CHM 0115) DIS
0107 MW.....1:00pm- 1:50pm (ARC 0204) — Odell, S
F.....11:00am-11:50am (CHM 0122) DIS
0108 MW.....1:00pm- 1:50pm (ARC 0204) — Odell, S
F.....1:00pm- 1:50pm (CHM 0124) DIS
0109 MW.....1:00pm- 1:50pm (ARC 0204) — Odell, S
F.....2:00pm- 2:50pm (CHM 0122) DIS
0201 TuTh.....9:30am-10:45am (CSS 2352) — Strom, J

A note about PHIL 170, PHIL 173, and PHIL 271. All three are introductory logic courses. PHIL 170 provides the student with a broad understanding of the field of logic, in both its traditional and its modern forms. PHIL 173 concentrates on applications, using logic to uncover the deductive structure of published material written in a diversity of literary styles. PHIL 271 enables the student to develop skill in using the techniques of modern symbolic logic, and an understanding of some of its underlying principles. All three courses attempt to develop in students a heightened sensitivity to logical form, logical fallacy, and the logical nuances of ordinary language.

PHIL170 Introduction to Logic; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....10:00am-10:50am (JMZ 0105) — Stairs, A
F.....9:00am- 9:50am (CLB 0104) DIS
0102 TuTh.....10:00am-10:50am (JMZ 0105) — Stairs, A
F.....10:00am-10:50am (CLB 0102) DIS
0103 TuTh.....10:00am-10:50am (JMZ 0105) — Stairs, A
F.....12:00pm-12:50pm (CHM 0127) DIS
0201 TuTh.....11:00am-11:50am (JMZ 0105) — Stairs, A
F.....9:00am- 9:50am (CLB 0102) DIS
0202 TuTh.....11:00am-11:50am (JMZ 0105) — Stairs, A
F.....11:00am-11:50am (CLB 0102) DIS
0203 TuTh.....11:00am-11:50am (JMZ 0105) — Stairs, A
F.....1:00pm- 1:50pm (CLB 0102) DIS

PHIL250 Philosophy of Science I; Grade Method: REG/P-F/AUD. CORE Distributive Studies Humanities Course. USP Distributive Studies Area A Course. Credit will be granted for only one of the following: AIST 174 or PHIL 250. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (ASV 2309) — Stairs, A

PHIL271 Symbolic Logic I; Grade Method: REG/AUD. CORE Distributive Studies Math or Formal Reasoning Course. USP Distributive Studies Area B Course. Formerly PHIL 371. — 3 credits
0101 MWF.....1:00pm- 1:50pm (CHM 0122) — Svenonius, L
0201 TuTh.....3:30pm- 4:45pm (CHM 0122) — Horty, J

PHIL308G Studies in Contemporary Philosophy: Introduction to Virtue Ethics; Grade Method: REG/AUD. — 3 credits
0101 MW.....2:00pm- 3:15pm (CHM 0124) — Greenspan, P

PHIL308J Studies in Contemporary Philosophy: Logic for Philosophy; Grade Method: REG/AUD. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (EGR 0110) — Rey, G

PHIL310 Ancient Philosophy; Grade Method: REG/P-F/AUD. CORE Advanced Studies Development of Knowledge Course. USP Advanced Studies Development of Knowledge Course. Prerequisite: six credits in philosophy or classics. — 3 credits
0101 TuTh.....9:30am-10:45am (HBK 0117) — Ross, D

PHIL320 Modern Philosophy; Grade Method: REG/P-F/AUD. CORE Advanced Studies Development of Knowledge Course. Prerequisite: six credits in philosophy. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (CHM 0122) — Campbell, K

PHIL326 Twentieth Century Analytic Philosophy; Grade Method: REG/P-F/AUD. Prerequisite: six credits in philosophy. Recommended: PHIL 320. — 3 credits
0101 MW.....11:00am-12:15pm (CSS 2352) — Odell, S

PHIL328B Studies in the History of Philosophy: Marxist Philosophy; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course. Prerequisite: one course in philosophy or a GVPT course in social theory. — 3 credits
0101 MWF.....12:00pm-12:50pm (ZOP 1236) — Tucker, A

PHIL331 Philosophy of Art; Grade Method: REG/AUD. CORE Advanced Studies Development of Knowledge Course. USP Advanced Studies Development of Knowledge Course. — 3 credits
0101 MWF.....12:00pm-12:50pm (ZOP 1243) — Brown, J

PHIL332 Philosophy of Beauty; Grade Method: REG/AUD. CORE Advanced Studies Development of Knowledge Course. USP Advanced Studies Development of Knowledge Course. Prerequisites: two courses in philosophy, literature, or the arts. — 3 credits
0101 MWF.....2:00pm- 2:50pm (JMP 0104) — Brown, J

PHIL341 Introduction to Ethical Theory; Grade Method: REG/P-F/AUD. Prerequisite: One course in PHIL. Not open to students who have completed PHIL 142. Formerly PHIL 142. — 3 credits
0101 TuTh.....11:00am-12:15pm (HBK 1116) — Lichtenberg, J

PHIL360 Philosophy of Language; Grade Method: REG/P-F/AUD. CORE Advanced Studies Development of Knowledge Course. Prerequisite: PHIL 170, PHIL 173, or PHIL 271. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (CHM 0122) — Devitt, M

PHIL385 Philosophy and Computers; Grade Method: REG/AUD. USP Advanced Studies Development of Knowledge Course. Prerequisite: one course in logic or computer science or satisfaction of junior level English composition requirement or permission of department. — 3 credits
0101 MW.....2:00pm- 3:15pm (CSS 2352) — Charniak, C
0201 MW.....12:30pm- 1:45pm (CSS 2352) — Charniak, C

PHIL386 Field Work; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: PHIL 387. Consult Director of Undergraduate Studies: Pasch, A. Prerequisites: 12 credit hours of philosophy and 3.0 GPA. Carries no credit toward philosophy major. — 3 credits

PHIL387 Field Work Analysis; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: PHIL 386. Consult Director of Undergraduate Studies: Martin Raymond. — 3 credits

PHIL408E Topics in Contemporary Philosophy: Ethics and the Irrational; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (EGR 1126) — Slote, M

PHIL416 Medieval Philosophy; Grade Method: REG/P-F/AUD. CORE Advanced Studies Development of Knowledge Course. Prerequisite: six credits in philosophy. — 3 credits
0101 MWF.....10:00am-10:50am (HBK 1108) — Svenonius, L

PHIL442 Normative Ethical Theory; Grade Method: REG/P-F/AUD. Prerequisite: PHIL 341. — 3 credits
0101 TuTh.....11:00am-12:15pm (CHM 0124) — Slote, M

PHIL447 Philosophy of Law; Grade Method: REG/AUD. CORE Advanced Studies Social and Ethical Problems Course. USP Advanced Studies Development of Knowledge Course. Prerequisite: one course in philosophy. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (CHM 0119) — Fyfe, R

PHIL450 Scientific Thought I; Grade Method: REG/P-F/AUD. CORE Advanced Studies Development of Knowledge Course. USP Advanced Studies Development of Knowledge Course. Prerequisite: one course in philosophy or a major in science. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (CHE 2136) — Wallace, W

PHIL455 Philosophy of the Social Sciences; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course. Prerequisite: PHIL 250, six hours in a social science, or permission of department. — 3 credits
0101 TuTh.....9:30am-10:45am (CHM 0124) — Suppe, F

PHIL456 Philosophy of Biology; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course. Prerequisite: PHIL 250 or permission of department. — 3 credits
0101 TuTh.....11:00am-12:15pm (CSS 2352) — Darden, L

PHIL458F Topics in the Philosophy of Science: History of Modern Biology; Grade Method: REG/P-F/AUD. Prerequisite: PHIL 250 or permission of department. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (HBK 0125) — Darden, L

PHIL464 Metaphysics; Grade Method: REG/P-F/AUD. Prerequisite: six credits in philosophy — 3 credits
0101 TuTh.....3:30pm- 4:45pm (CHM 0124) — Devitt, M

PHIL466 Philosophy of Mind; Grade Method: REG/P-F/AUD. Prerequisite: six credits in philosophy. — 3 credits
0101 MW.....11:00am-12:15pm (CSS 2330) — Taylor, K

PHIL482 Philosophy of Psychology: Subjectivity; Grade Method: REG/P-F/AUD. Prerequisite: PHIL 380 or graduate status or permission of department. — 3 credits
0101 TuTh.....11:00am-12:15pm (CHM 0122) — Rey, G

PHIL498E (PermReq) Topical Investigations; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

PHIL498F (PermReq) Topical Investigations; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

PHIL498G Topical Investigations; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

PHIL688A (PermReq) Selected Problems in Philosophy; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

PHIL688F (PermReq) Selected Problems in Philosophy; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

PHIL688G Selected Problems in Philosophy; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

PHIL688N Selected Problems in Philosophy: Normative Ethical Theory; Grade Method: REG/AUD. — 3 credits
0101 TuTh.....11:00am-12:15pm (CHM 0124) Slote, M

PHIL688T Selected Problems in Philosophy: Twentieth Century Analytic Philosophy; Grade Method: REG. — 3 credits
0101 MW.....12:30pm- 1:45pm (JMP 1109) Odell, S

PHIL788F (PermReq) Research in Philosophy; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

PHIL788G (PermReq) Research in Philosophy; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

PHIL799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

PHIL808M Seminar in the Problems of Philosophy: Moral Psychology; Grade Method: REG/AUD. — 3 credits
0101 Time and room to be arranged Greenspan, P

PHIL828A Seminar in the History of Philosophy: Aristotle: Matter and Form; Grade Method: REG/AUD. — 3 credits
0101 Time and room to be arranged Celarier, J

PHIL858S Seminar in Logic and Philosophy of Sciences: Scientific Knowledge and Experimentation; Grade Method: REG/AUD. — 3 credits
0101 Tu.....7:00pm- 9:30pm (CSS 4339) Suppe, F

PHIL899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

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PHYS Physics (Comp, Math, & Phys Sci)

PHYS102 Physics of Music; Grade Method: REG/P-F/AUD. Prerequisite: high school algebra. Credit not applicable towards the minimum requirements for a major in physics and astronomy. CORE Distributive Studies Physical Science Laboratory Course only when taken concurrently with PHYS 103. USP Distributive Studies Area B Course. If taken with PHYS 103, course may be counted as USP Area B Lab Science requirement. Credit cannot be received for both PHYS 102 and PHYS 499C. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (PHY 1412) Anderson, J

PHYS103 Physics of Music Laboratory; Grade Method: REG/P-F/AUD. Pre- or corequisite: PHYS 102. Credit not applicable towards the minimum requirements for a major in physics and astronomy. CORE Distributive Studies Physical Science Laboratory Course only when taken concurrently with PHYS 102. — 1 credit
0101 Th.....9:00am-10:50am (PHY 3213) LAB Berg, R
0201 Th.....11:00am-12:50pm (PHY 3213) LAB Berg, R
0301 Th.....3:30pm- 5:20pm (PHY 3213) LAB Berg, R
0401 F.....10:00am-11:50am (PHY 3213) LAB Berg, R
0501 F.....12:00pm- 1:50pm (PHY 3213) LAB Berg, R

PHYS106 Light, Perception, Photography, and Visual Phenomena; Grade Method: REG/P-F/AUD. Credit not applicable towards the minimum requirements for a major in physics and astronomy. CORE Distributive Studies Physical Science Laboratory Course only when taken wiith PHYS 107. Credit cannot be received for both PHYS 106 and PHYS 499E. USP Distributive Studies Area B Course. If taken with PHYS 107, course may be counted as USP Area B Lab Science requirement. — 3 credits
0101 MWF.....2:00pm- 2:50pm (PHY 1412) Layman, J

PHYS107 Light, Perception, Photography and Visual Phenomena Laboratory; Grade Method: REG/P-F/AUD. Pre- or corequisite: PHYS 106. Credit not applicable towards the minimum requirements for a major in physics and astronomy. CORE Distributive Studies Physical Science Laboratory Course only when taken concurrently with PHYS 106. — 1 credit
0101 Tu.....9:00am-10:50am (PHY 3214) LAB Layman, J
0201 Tu.....12:00pm- 1:50pm (PHY 3214) LAB Layman, J
0301 W.....9:00am-10:50am (PHY 3214) LAB Layman, J
0401 W.....3:00pm- 4:50pm (PHY 3214) LAB Layman, J
0501 W.....12:00pm- 1:50pm (PHY 3214) LAB Layman, J
0601 Tu.....3:30pm- 5:20pm (PHY 3214) LAB Layman, J
0701 Th.....10:00am-11:50am (PHY 3214) LAB Layman, J
0801 Th.....12:00pm- 1:50pm (PHY 3214) LAB Layman, J
0901 Th.....2:00pm- 3:50pm (PHY 3214) LAB Layman, J
1001 F.....12:00pm- 1:50pm (PHY 3214) LAB Layman, J

PHYS111 Physics in the Modern World; Grade Method: REG/P-F/AUD. CORE Distributive Studies Physical Science Course. USP Distributive Studies Area B Course. Intended for students who will continue in PHYS 112. — 3 credits
0101 MWF.....9:00am- 9:50am (PHY 0405) Snow, G

PHYS117 Introduction to Physics; Grade Method: REG/P-F/AUD. CORE Distributive Studies Physical Science Laboratory Course. USP Distributive Studies Area B Course. Prerequisite: qualification to enter MATH 110. — 4 credits
0101 MWF.....2:00pm- 2:50pm (PHY 1410) Brill, D
M.....4:00pm- 5:50pm (PHY 3316) LAB
0102 MWF.....2:00pm- 2:50pm (PHY 1410) Brill, D
Tu.....3:00pm- 4:50pm (PHY 3316) LAB
0104 MWF.....2:00pm- 2:50pm (PHY 1410) Brill, D
W.....4:00pm- 5:50pm (PHY 3316) LAB
0105 MWF.....2:00pm- 2:50pm (PHY 1410) Brill, D
Th.....12:00pm- 1:50pm (PHY 3316) LAB

PHYS121 Fundamentals of Physics I; Grade Method: REG/P-F/AUD. CORE Distributive Studies Physical Science Laboratory Course. USP Distributive Studies Area B Course. Prerequisite: previous course work in trigonometry or MATH 115. Physics clinic, PHY 1214, MTWHF 11,1. — 4 credits
0101 MWF.....10:00am-10:50am (PHY 1410) Glick, A
W.....4:00pm- 5:50pm (PHY 3306) LAB
W.....3:00pm- 3:50pm (PHY 0405) DIS
0102 MWF.....10:00am-10:50am (PHY 1410) Glick, A
M.....4:00pm- 5:50pm (PHY 3306) LAB
M.....3:00pm- 3:50pm (PHY 0405) DIS
0103 MWF.....10:00am-10:50am (PHY 1410) Glick, A
Tu.....11:00am-12:50pm (PHY 3306) LAB
Tu.....10:00am-10:50am (PHY 4208) DIS
0104 MWF.....10:00am-10:50am (PHY 1410) Glick, A
Tu.....1:00pm- 2:50pm (PHY 3306) LAB
Tu.....12:00pm-12:50pm (PHY 4208) DIS
0105 MWF.....10:00am-10:50am (PHY 1410) Glick, A
W.....12:00pm- 1:50pm (PHY 3306) LAB
W.....11:00am-11:50am (PHY 4220) DIS
0201 MWF.....12:00pm-12:50pm (PHY 1410) Pati, J
W.....9:00am-10:50am (PHY 3306) LAB
W.....8:00am- 8:50am (PHY 4220) DIS
0202 MWF.....12:00pm-12:50pm (PHY 1410) Pati, J
W.....2:00pm- 3:50pm (PHY 3306) LAB
W.....1:00pm- 1:50pm (PHY 0405) DIS
0203 MWF.....12:00pm-12:50pm (PHY 1410) Pati, J
Th.....11:00am-12:50pm (PHY 3306) LAB
Th.....10:00am-10:50am (PHY 4220) DIS
0204 MWF.....12:00pm-12:50pm (PHY 1410) Pati, J
Th.....9:00am-10:50am (PHY 3306) LAB
Th.....8:00am- 8:50am (PHY 1221) DIS
0205 MWF.....12:00pm-12:50pm (PHY 1410) Pati, J
Th.....1:00pm- 2:50pm (PHY 3306) LAB
Th.....12:00pm-12:50pm (PHY 4208) DIS
0206 MWF.....12:00pm-12:50pm (PHY 1410) Pati, J
M.....2:00pm- 3:50pm (PHY 3306) LAB
M.....1:00pm- 1:50pm (PHY 1402) DIS
0301 TuTh.....12:30pm- 1:45pm (PHY 1410) Cohen, T
Tu.....9:00am-10:50am (PHY 3306) LAB
Tu.....8:00am- 8:50am (PHY 4220) DIS
0302 TuTh.....12:30pm- 1:45pm (PHY 1410) Cohen, T
M.....10:00am-11:50am (PHY 3306) LAB
M.....9:00am- 9:50am (PHY 4220) DIS
0303 TuTh.....12:30pm- 1:45pm (PHY 1410) Cohen, T
M.....12:00pm- 1:50pm (PHY 3306) LAB
M.....11:00am-11:50am (PHY 4220) DIS
0304 TuTh.....12:30pm- 1:45pm (PHY 1410) Cohen, T
Th.....4:00pm- 5:50pm (PHY 3306) LAB
Th.....3:00pm- 3:50pm (PHY 1221) DIS
0305 TuTh.....12:30pm- 1:45pm (PHY 1410) Cohen, T
Tu.....3:00pm- 4:50pm (PHY 3306) LAB
Tu.....2:00pm- 2:50pm (PHY 4208) DIS
0401 MW.....7:00pm- 8:30pm (PHY 1412) STAFF
Tu.....7:30pm- 9:20pm (PHY 3306) LAB
Tu.....6:30pm- 7:20pm (PHY 1219) DIS
0402 MW.....7:00pm- 8:30pm (PHY 1412) STAFF
Th.....7:30pm- 9:20pm (PHY 3306) LAB
Th.....6:30pm- 7:20pm (PHY 1219) DIS

PHYS122 Fundamentals of Physics II; Grade Method: REG/P-F/AUD. CORE Distributive Studies Physical Science Laboratory Course. USP Distributive Studies Area B Course. Prerequisite: PHYS 121 or equivalent. Physics clinic, PHY 1214, MTWHF 12,2. — 4 credits
0101 MWF.....1:00pm- 1:50pm (PHY 1410) Alley, C
M.....4:00pm- 5:50pm (PHY 3312) LAB
M.....3:00pm- 3:50pm (PHY 1221) DIS
0102 MWF.....1:00pm- 1:50pm (PHY 1410) Alley, C
Tu.....9:00am-10:50am (PHY 3312) LAB
Tu.....8:00am- 8:50am (PHY 1221) DIS
0103 MWF.....1:00pm- 1:50pm (PHY 1410) Alley, C
Tu.....12:00pm- 1:50pm (PHY 3312) LAB
Tu.....11:00am-11:50am (PHY 4208) DIS
0104 MWF.....1:00pm- 1:50pm (PHY 1410) Alley, C
Tu.....2:00pm- 3:50pm (PHY 3312) LAB
Tu.....1:00pm- 1:50pm (PHY 4208) DIS
0105 MWF.....1:00pm- 1:50pm (PHY 1410) Alley, C
W.....9:00am-10:50am (PHY 3312) LAB
W.....8:00am- 8:50am (PHY 4208) DIS
0106 MWF.....1:00pm- 1:50pm (PHY 1410) Alley, C
W.....3:00pm- 4:50pm (PHY 3312) LAB
W.....2:00pm- 2:50pm (PHY 4208) DIS
0107 MWF.....1:00pm- 1:50pm (PHY 1410) Alley, C
Th.....9:00am-10:50am (PHY 3312) LAB
Th.....8:00am- 8:50am (PHY 4208) DIS

PHYS141 Principles of Physics; Grade Method: REG/P-F/AUD. CORE Distributive Studies Physical Science Laboratory Course. USP Distributive Studies Area B Course. Corequisite: MATH 141. Credit will not be granted for PHYS 171 and PHYS 161 or PHYS 141 or former PHYS 191. Physics clinics, PHY 1214, MTWHF 10,12. — 4 credits
0101 MWF.....11:00am-11:50am (PHY 1410) Drake Jr., J
M.....1:00pm- 2:50pm (PHY 3314) LAB
M.....12:00pm-12:50pm (PHY 4208) DIS
0102 MWF.....11:00am-11:50am (PHY 1410) Drake Jr., J
M.....4:00pm- 5:50pm (PHY 3314) LAB
M.....3:00pm- 3:50pm (PHY 1402) DIS
0103 MWF.....11:00am-11:50am (PHY 1410) Drake Jr., J
Tu.....9:00am-10:50am (PHY 3314) LAB
Tu.....8:00am- 8:50am (PHY 1402) DIS
0104 MWF.....11:00am-11:50am (PHY 1410) Drake Jr., J
Tu.....11:00am-12:50pm (PHY 3314) LAB
Tu.....10:00am-10:50am (PHY 4220) DIS
0105 MWF.....11:00am-11:50am (PHY 1410) Drake Jr., J
Tu.....2:00pm- 3:50pm (PHY 3314) LAB
Tu.....1:00pm- 1:50pm (PHY 4220) DIS

PHYS142 Principles of Physics; Grade Method: REG/P-F/AUD. CORE Distributive Studies Physical Science Laboratory Course. USP Distributive Studies Area B Course. Credit will not be granted for PHYS 272 and PHYS 142 or former PHYS 192 or PHYS 262. Physics clinic PHY 1214, MTWHF 2. — 4 credits
0101 MWF.....3:00pm- 3:50pm (PHY 1410) Holmgren, H
Th.....9:00am-10:50am (PHY 3310) LAB
Th.....8:00am- 8:50am (PHY 0405) DIS
0102 MWF.....3:00pm- 3:50pm (PHY 1410) Holmgren, H
Th.....12:00pm- 1:50pm (PHY 3310) LAB
Th.....11:00am-11:50am (PHY 4208) DIS
0103 MWF.....3:00pm- 3:50pm (PHY 1410) Holmgren, H
Th.....2:00pm- 3:50pm (PHY 3310) LAB
Th.....1:00pm- 1:50pm (PHY 4208) DIS

PHYS161 General Physics: Mechanics and Particle Dynamics; Grade Method: REG/P-F/AUD. CORE Distributive Studies Physical Science Course. USP Distributive Studies Area B Course. Pre- or corequisite: MATH 141. Credit will not be granted for PHYS 171 and PHYS 161 or PHYS 141 or former PHYS 191. Physics clinic, PHY 1214, MTWHF 11, 2. — 3 credits
0101 MWF.....3:00pm- 3:50pm (PHY 1412) Kacser, C
F.....1:00pm- 1:50pm (PHY 0405) DIS
0102 MWF.....3:00pm- 3:50pm (PHY 1412) Kacser, C
W.....9:00am- 9:50am (PHY 4220) DIS
0103 MWF.....3:00pm- 3:50pm (PHY 1412) Kacser, C
M.....4:00pm- 4:50pm (PHY 1221) DIS
0201 TuTh.....12:30pm- 1:45pm (PHY 1412) Benesch, W
M.....11:00am-11:50am (PHY 4102) DIS
0202 TuTh.....12:30pm- 1:45pm (PHY 1412) Benesch, W
Tu.....2:00pm- 2:50pm (PHY 1221) DIS
0203 TuTh.....12:30pm- 1:45pm (PHY 1412) Benesch, W
W.....3:00pm- 3:50pm (PHY 1221) DIS
0204 TuTh.....12:30pm- 1:45pm (PHY 1412) Benesch, W
Th.....11:00am-11:50am (PHY 4220) DIS
0301 MWF.....10:00am-10:50am (PHY 1412) Redish, E
Tu.....3:00pm- 3:50pm (PHY 0405) DIS
0302 MWF.....10:00am-10:50am (PHY 1412) Redish, E
W.....9:00am- 9:50am (PHY 4208) DIS
0303 MWF.....10:00am-10:50am (PHY 1412) Redish, E
W.....1:00pm- 1:50pm (PHY 1219) DIS
0304 MWF.....10:00am-10:50am (PHY 1412) Redish, E
Th.....1:00pm- 1:50pm (PHY 1219) DIS
0305 MWF.....10:00am-10:50am (PHY 1412) Redish, E
Th.....12:00pm-12:50pm (PHY 0405) DIS

PHYS171 Introductory Physics: Mechanics; Grade Method: REG/P-F/AUD. CORE Distributive Studies Physical Science Course. USP Distributive Studies Area B Course. Prerequisite: MATH 140 and a high school physics course or permission of department. Corequisite: MATH 141. Credit will not be granted for PHYS 171 and PHYS 161 or PHYS 141 or former PHYS 191. — 3 credits
0101 MTuThF....11:00am-11:50am (PHY 0405) Einstein, T
0201 MTuThF.....9:00am- 9:50am (PHY 1402) Goldenbaum, G

PHYS171H (PermReq) Introductory Physics: Mechanics; Grade Method: REG/P-F/AUD. CORE Distributive Studies Physical Science Course. USP Distributive Studies Area B Course. Prerequisite: MATH 140 and a high school physics course or permission of department. Corequisite: MATH 141. Credit will not be granted for PHYS 171 and PHYS 161 or PHYS 141 or former PHYS 191. — 3 credits
0101 MTuThF....11:00am-11:50am (PHY 0405) Einstein, T
0201 MTuThF.....9:00am- 9:50am (PHY 1402) Goldenbaum, G

PHYS262 General Physics: Vibrations, Waves, Heat, Electricity and Magnetism; Grade Method: REG/P-F/AUD. CORE Distributive Studies Physical Science Laboratory Course. USP Distributive Studies Area B Course. Prerequisite: PHYS 161. Corequisite: PHYS 262A. Credit will not be granted for PHYS 272 and PHYS 142 or former PHYS 192 or PHYS 262. Physics clinic, PHY 1214, MTWHF 10, 12, 2. — 4 credits
0101 MWF.....1:00pm- 1:50pm (PHY 1412) Fivel, D
M.....2:00pm- 2:50pm (PHY 1221) DIS
0102 MWF.....1:00pm- 1:50pm (PHY 1412) Fivel, D
Tu.....1:00pm- 1:50pm (PHY 1219) DIS
0103 MWF.....1:00pm- 1:50pm (PHY 1412) Fivel, D
M.....3:00pm- 3:50pm (PHY 4208) DIS
0104 MWF.....1:00pm- 1:50pm (PHY 1412) Fivel, D
M.....8:00am- 8:50am (PHY 4208) DIS
0105 MWF.....1:00pm- 1:50pm (PHY 1412) Fivel, D
W.....10:00am-10:50am (PHY 1219) DIS
0106 MWF.....1:00pm- 1:50pm (PHY 1412) Fivel, D
W.....2:00pm- 2:50pm (PHY 1402) DIS
0201 MWF.....11:00am-11:50am (PHY 1412) Rosenberg, T
W.....1:00pm- 1:50pm (PHY 1402) DIS
0202 MWF.....11:00am-11:50am (PHY 1412) Rosenberg, T
M.....2:00pm- 2:50pm (PHY 4220) DIS
0203 MWF.....11:00am-11:50am (PHY 1412) Rosenberg, T
W.....12:00pm-12:50pm (PHY 1219) DIS
0204 MWF.....11:00am-11:50am (PHY 1412) Rosenberg, T
F.....2:00pm- 2:50pm (PHY 1219) DIS
0205 MWF.....11:00am-11:50am (PHY 1412) Rosenberg, T
Tu.....8:00am- 8:50am (PHY 1219) DIS
0301 TuTh.....8:00am- 9:15am (PHY 1412) Mason, G
Th.....2:00pm- 2:50pm (PHY 1221) DIS
0302 TuTh.....8:00am- 9:15am (PHY 1412) Mason, G
F.....11:00am-11:50am (PHY 4102) DIS
0303 TuTh.....8:00am- 9:15am (PHY 1412) Mason, G
Tu.....3:00pm- 3:50pm (PHY 1221) DIS
0304 TuTh.....8:00am- 9:15am (PHY 1412) Mason, G
M.....2:00pm- 2:50pm (PHY 4208) DIS
0305 TuTh.....8:00am- 9:15am (PHY 1412) Mason, G
Tu.....12:00pm-12:50pm (PHY 0405) DIS
0401 MW.....7:00pm- 9:00pm (PHY 1410) Bhagat, S
MW.....7:00pm- 9:00pm (PHY 4220) DIS
0402 MW.....7:00pm- 9:00pm (PHY 1410) Bhagat, S
MW.....7:00pm- 9:00pm (PHY 1402) DIS

PHYS262A General Physics: Vibrations, Waves, Heat, Electricity and Magnetism (Laboratory); Grade Method: NGI. Corequisite: PHYS 262. — No credit
0101 M.....1:00pm- 2:50pm (PHY 3219) LAB Hadley, N
0102 M.....3:00pm- 4:50pm (PHY 3219) LAB Hadley, N
0103 Tu.....8:00am- 9:50am (PHY 3219) LAB Hadley, N
0104 Tu.....10:00am-11:50am (PHY 3219) LAB Hadley, N
0105 Tu.....12:00pm- 1:50pm (PHY 3219) LAB Hadley, N
0106 Tu.....2:00pm- 3:50pm (PHY 3219) LAB Hadley, N
0107 Tu.....4:00pm- 5:50pm (PHY 3219) LAB Hadley, N
0108 W.....8:00am- 9:50am (PHY 3219) LAB Hadley, N
0109 W.....10:00am-11:50am (PHY 3219) LAB Hadley, N
0110 W.....12:00pm- 1:50pm (PHY 3219) LAB Hadley, N
0111 W.....2:00pm- 3:50pm (PHY 3219) LAB Hadley, N
0112 W.....4:00pm- 5:50pm (PHY 3219) LAB Hadley, N
0113 Th.....8:00am- 9:50am (PHY 3219) LAB Hadley, N
0114 Th.....10:00am-11:50am (PHY 3219) LAB Hadley, N
0115 Th.....12:00pm- 1:50pm (PHY 3219) LAB Hadley, N
0116 Th.....2:00pm- 3:50pm (PHY 3219) LAB Hadley, N
0117 Tu.....7:00pm- 8:50pm (PHY 3219) LAB Hadley, N
0118 Th.....4:00pm- 5:50pm (PHY 3219) LAB Hadley, N
0119 Th.....7:00pm- 8:50pm (PHY 3219) LAB Hadley, N

PHYS262H (PermReq) General Physics: Vibrations, Waves, Heat, Electricity and Magnetism; Grade Method: REG/P-F/AUD. CORE Distributive Studies Physical Science Laboratory Course. USP Distributive Studies Area B Course. Prerequisite: PHYS 161. Corequisite: PHYS 262A. Credit will not be granted for PHYS 272 and PHYS 142 or former PHYS 192 or PHYS 262. — 4 credits
0101 MWF.....1:00pm- 1:50pm (PHY 1412) Fivel, D
M.....4:00pm- 4:50pm (PHY 4208) DIS
0201 MWF.....11:00am-11:50am (PHY 1412) Rosenberg, T
M.....4:00pm- 4:50pm (PHY 4208) DIS
0301 TuTh.....8:00am- 9:15am (PHY 1412) Baden, A
M.....4:00pm- 4:50pm (PHY 4208) DIS

PHYS263 General Physics: Electrodynamics, Light, Relativity and Modern Physics; Grade Method: REG/P-F/AUD. CORE Distributive Studies Physical Science Laboratory Course. USP Distributive Studies Area B Course. Prerequisite: PHYS 262. Corequisite: PHYS 263A. Credit will not be granted for PHYS 273 and PHYS 263 or former PHYS 293. Physics clinic, PHY 1214, MTWHF 10, 11, 1. — 4 credits
0101 MW.....4:00pm- 5:15pm (PHY 1410) Fivel, D
W.....10:00am-10:50am (PHY 1402) DIS
0102 MW.....4:00pm- 5:15pm (PHY 1410) Fivel, D
M.....1:00pm- 1:50pm (PHY 0405) DIS
0103 MW.....4:00pm- 5:15pm (PHY 1410) Fivel, D
W.....3:00pm- 3:50pm (PHY 1402) DIS
0104 MW.....4:00pm- 5:15pm (PHY 1410) Fivel, D
Tu.....1:00pm- 1:50pm (PHY 1221) DIS
0301 MWF.....12:00pm-12:50pm (PHY 1412) Hu, B
Tu.....8:00am- 8:50am (PHY 4208) DIS
0302 MWF.....12:00pm-12:50pm (PHY 1412) Hu, B
W.....10:00am-10:50am (PHY 1221) DIS
0303 MWF.....12:00pm-12:50pm (PHY 1412) Hu, B
Tu.....3:00pm- 3:50pm (PHY 4208) DIS
0304 MWF.....12:00pm-12:50pm (PHY 1412) Hu, B
W.....3:00pm- 3:50pm (PHY 4208) DIS
0305 MWF.....12:00pm-12:50pm (PHY 1412) Hu, B
F.....1:00pm- 1:50pm (PHY 1219) DIS
0306 MWF.....12:00pm-12:50pm (PHY 1412) Hu, B
Th.....1:00pm- 1:50pm (PHY 1221) DIS
0307 MWF.....12:00pm-12:50pm (PHY 1412) Hu, B
M.....2:00pm- 2:50pm (PHY 4220) DIS

PHYS263A General Physics: Electrodynamics, Light, Relativity and Modern Physics (Laboratory); Grade Method: NGI. Laboratory. Corequisite: PHYS 263. — No credit
0101 M.....1:00pm- 2:50pm (PHY 3220) LAB Hadley, N
0102 M.....3:00pm- 4:50pm (PHY 3220) LAB Hadley, N
0103 Tu.....8:00am- 9:50am (PHY 3220) LAB Hadley, N
0104 Tu.....10:00am-11:50am (PHY 3220) LAB Hadley, N
0105 Tu.....12:00pm- 1:50pm (PHY 3220) LAB Hadley, N
0106 Tu.....2:00pm- 3:50pm (PHY 3220) LAB Hadley, N
0107 Tu.....4:00pm- 5:50pm (PHY 3220) LAB Hadley, N
0108 Tu.....7:00pm- 8:50pm (PHY 3220) LAB Hadley, N
0109 W.....8:00am- 9:50am (PHY 3220) LAB Hadley, N
0110 W.....10:00am-11:50am (PHY 3220) LAB Hadley, N
0111 W.....12:00pm- 1:50pm (PHY 3220) LAB Hadley, N
0112 W.....2:00pm- 3:50pm (PHY 3220) LAB Hadley, N
0113 W.....4:00pm- 5:50pm (PHY 3220) LAB Hadley, N
0114 Th.....8:00am- 9:50am (PHY 3220) LAB Hadley, N
0115 Th.....10:00am-11:50am (PHY 3220) LAB Hadley, N
0116 Th.....12:00pm- 1:50pm (PHY 3220) LAB Hadley, N
0117 Th.....2:00pm- 3:50pm (PHY 3220) LAB Hadley, N
0118 Th.....4:00pm- 5:50pm (PHY 3220) LAB Hadley, N
0119 Th.....7:00pm- 8:50pm (PHY 3220) LAB Hadley, N

PHYS272 Introductory Physics: Vibration, Waves, Heat, Electrostatics and Magnetostatics; Grade Method: REG/P-F/AUD. Prerequisite: PHYS 171 and MATH 141. Corequisite: PHYS 275 and MATH 241 or MATH 240 (It is preferable to take MATH 241 before MATH 240 for this course.). Credit will be granted for only one of the following: PHYS 272 and PHYS 142 or former PHYS 192 or PHYS 262. CORE Distributive Studies Physical Science Laboratory Course only when taken concurrently with PHYS 275. USP Distributive Studies Area B Course. If taken with PHYS 275, course may be counted as USP Distributive Studies Area B Course lab science requirement. — 3 credits
0101 MTuThF....12:00pm-12:50pm (PHY 4220) Banerjee, M

PHYS272H Introductory Physics: Vibration, Waves, Heat, Electrostatics and Magnetostatics; Grade Method: REG/P-F/AUD. Prerequisite: PHYS 171 and MATH 141. Corequisite: PHYS 275 and MATH 241 or MATH 240 (It is preferable to take MATH 241 before MATH 240 for this course.). Credit will be granted for only one of the following: PHYS 272 and PHYS 142 or former PHYS 192 or PHYS 262. CORE Distributive Studies Physical Science Laboratory Course only when taken concurrently with PHYS 275. USP Distributive Studies Area B Course. If taken with PHYS 275, course may be counted as USP Distributive Studies Area B Course lab science requirement. — 3 credits
0101 MTuThF....12:00pm-12:50pm (PHY 4220) Banerjee, M

PHYS273 Introductory Physics: Electrodynamics, Optics, Light, Relativity and Modern Physics; Grade Method: REG/P-F/AUD. Prerequisite: PHYS 272, PHYS 275 and MATH 240 or MATH 241. Corequisite: PHYS 276 and MATH 240 or MATH 241. Credit will not be granted for PHYS 273 and PHYS 263 or former PHYS 293. Meets USP Distributive Studies (B) Natural Sciences and Mathematics requirement. If taken with PHYS 276, course may be taken as lab science requirement. — 3 credits
0101 MF.....1:00pm- 1:50pm (PHY 4220) Goodman, J
W.....12:00pm- 1:50pm (PHY 4220)

PHYS273H Introductory Physics: Electrodynamics, Optics, Light, Relativity and Modern Physics; Grade Method: REG/P-F/AUD. Prerequisite: PHYS 272, PHYS 275 and MATH 240 or MATH 241. Corequisite: PHYS 276 and MATH 240 or MATH 241. Credit will not be granted for PHYS 273 and PHYS 263 or former PHYS 293. — 3 credits
0101 MF.....1:00pm- 1:50pm (PHY 4220) Goodman, J
W.....12:00pm- 1:50pm (PHY 4220)

PHYS275 (PermReq) Experimental Physics I: Mechanics and Thermodynamics; Grade Method: REG/P-F/AUD. Prerequisite: PHYS 171 or PHYS 191. One two-three laboratory-lecture per week. Credit will not be granted for more than two of the following courses: PHYS 275, PHYS 195, PHYS 196. CORE Distributive — 1 credit

Studies Physical Science Laboratory Course only when taken concurrently with PHYS 272.

0101 M.....2:00pm- 4:50pm (PHY 3203) LAB Chang, C
0201 Tu.....12:00pm- 2:50pm (PHY 3203) LAB Chang, C
0301 W.....1:00pm- 3:50pm (PHY 3203) LAB Boyd, D

PHYS276 (PermReq) Experimental Physics II: Electricity and Magnetism; Grade Method: REG/P-F/AUD. Prerequisites: PHYS 272 and PHYS 275. Credit will be granted for only one of the following: PHYS 276 or former PHYS 295. — 2 credits
0101 M.....2:00pm- 5:50pm (PHY 3211) LAB Richard, J
0201 Tu.....1:00pm- 4:50pm (PHY 3211) LAB Richard, J

PHYS299 (PermReq) Special Problems in Physics; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

PHYS299C Special Problems in Physics: Physics for Managers and Analysts; Grade Method: REG/P-F/AUD. Prerequisite: MATH 220 or MATH 140. — 3 credits
0101 MWF.....12:00pm-12:50pm (PHY 0405) Earl, J

PHYS301 Intermediate Theoretical Physics; Grade Method: REG/P-F/AUD. Prerequisite: PHYS 142 and MATH 241. — 3 credits
0101 MW.....4:00pm- 5:15pm (PHY 1402) Hassam, A

PHYS305 Physics Shop Techniques; Grade Method: REG/P-F/AUD. Prerequisite: PHYS 395 or permission of department. — 1 credit
0101 Th.....2:00pm- 5:00pm (PHY 0125) LAB Giddings, M

PHYS375 Experimental Physics III: Electromagnetic Waves, Optics and Modern Physics; Grade Method: REG/P-F/AUD. Prerequisites: PHYS 273 and PHYS 276. Credit will be granted for only one of the following: PHYS 375 or former PHYS 296. — 2 credits
0101 M.....1:00pm- 4:50pm (PHY 3104) Currie, D
0201 Tu.....2:00pm- 5:50pm (PHY 3104) Currie, D
0301 Th.....1:00pm- 4:50pm (PHY 3104) Skiff, F
0401 W.....2:00pm- 5:50pm (PHY 3104) Skiff, F

PHYS389 (PermReq) Undergraduate Thesis Research; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

PHYS395 Advanced Experiments; Grade Method: REG/P-F/AUD. Prerequisite: PHYS 375. For PHYS majors only. In conjunction with lab hours scheduled below additional required lab time will be arranged. Labs begin first week of classes. — 3 credits
0101 Th.....1:00pm- 4:50pm (PHY 3210) LAB Hamilton, D
0102 W.....12:00pm- 3:50pm (PHY 3210) LAB Hamilton, D

PHYS398 (PermReq) Independent Studies Seminar; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-16 credits

PHYS399 (PermReq) Special Problems in Physics; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

PHYS406 Optics; Grade Method: REG/P-F/AUD. Prerequisite: [PHYS 263 or PHYS 273 or PHYS 301]; and MATH 240. — 3 credits
0101 MW.....4:00pm- 5:15pm (PHY 1219) Kim, Y

PHYS410 Elements of Theoretical Physics: Mechanics; Grade Method: REG/P-F/AUD. Prerequisite: [PHYS 263 or PHYS 273 or PHYS 301]; and MATH 241. Corequisite: MATH 240. — 4 credits
0101 TuTh.....9:00am-10:50am (PHY 0405) Misner, C

PHYS411 Elements of Theoretical Physics: Electricity and Magnetism; Grade Method: REG/P-F/AUD. Prerequisite: [PHYS 263 or PHYS 273 or PHYS 301]; and MATH 240 and MATH 241. — 4 credits
0101 TuTh.....9:00am-10:50am (PHY 1219) Skuja, A

PHYS414 Introduction to Thermodynamics and Statistical Mechanics; Grade Method: REG/P-F/AUD. Prerequisite: [PHYS 263 or PHYS 273 or PHYS 301]; and MATH 240. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (PHY 4220) Williams, E

PHYS420 Principles of Modern Physics; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course. Prerequisite: [PHYS 263 or PHYS 273 or PHYS 301]; and MATH 241. Credit will be granted for only one of the following: PHYS 420 or PHYS 421. — 3 credits
0101 MW.....4:00pm- 5:15pm (PHY 1412) Woo, C
0102 TuTh.....2:00pm- 3:15pm (PHY 1410) Griffin, J

PHYS421 Introduction to Modern Physics; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course. Prerequisite: [PHYS 263 or PHYS 273 or PHYS 301]; and MATH 241, including some knowledge of ordinary equations. Credit will be granted for only one of the following: PHYS 420 or PHYS 421. — 3 credits
0101 MWF.....9:00am- 9:50am (PHY 1219) Roos, P

PHYS422 Modern Physics; Grade Method: REG/P-F/AUD. Prerequisite: PHYS 421. — 4 credits
0101 W.....10:00am-11:45am (PHY 0405) Drew, H
MF.....10:00am-10:50am (PHY 0405)

PHYS429 Atomic and Nuclear Physics Laboratory; Grade Method: REG/AUD. Labs begin first week of classes. Students may work at times other than those listed below. They must, however, be available for the first hour of the section for which they registered. Physics majors only. — 3 credits
0101 M.....1:00pm- 6:00pm (PHY 3112) LAB Zorn, G
0201 Th.....12:00pm- 5:00pm (PHY 3112) LAB Gammon, R

PHYS499A (PermReq) Special Problems in Physics: Individual Problems with Laboratory; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-16 credits

PHYS499B (PermReq) Special Problems in Physics: Individual Problems; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-16 credits

PHYS499C Special Problems in Physics: Physics of Music; Grade Method: REG/P-F/AUD. Credit cannot be received for both PHYS 102 and PHYS 499C. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (PHY 1412) Anderson, J

PHYS499F Special Problems in Physics: Twentieth Century Physics - Physics for Managers and Analysts; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course. Prerequisite: MATH 220 or MATH 140. — 3 credits
0101 MWF.....12:00pm-12:50pm (PHY 0405) Earl, J

PHYS601 Theoretical Dynamics; Grade Method: REG/AUD. Prerequisite: PHYS 410 or equivalent. — 3 credits
0101 MWF.....2:00pm- 2:50pm (PHY 0405) Lee, Y

PHYS602 Statistical Physics; Grade Method: REG/AUD. Prerequisite: PHYS 410 or equivalent. Credit will be granted for only one of the following: PHYS 602 or PHYS 603. — 3 credits
0101 MWF.....10:00am-10:50am (PHY 4220) Greenberg, O

PHYS604 Methods of Mathematical Physics; Grade Method: REG/AUD. Prerequisites: [advanced calculus; and PHYS 410; and PHYS 411]; or equivalent. — 3 credits
0101 TuTh.....11:00am-12:15pm (PHY 1219) Wallace, S

PHYS606 Electrodynamics; Grade Method: REG/AUD. Prerequisite: PHYS 604 or equivalent. — 4 credits
0101 TuTh.....9:00am-10:50am (PHY 1221) Oneda, S

PHYS621 Graduate Laboratory; Grade Method: REG/AUD. All labs will extend 1 hour beyond those listed below. Labs begin first week of classes. Students may work at times other than those listed below. They must, however, be available for the first hour of the section for which they are registered. — 3 credits
0101 M.....1:00pm- 6:00pm (PHY 3112) LAB Zorn, G
0201 Th.....12:00pm- 5:00pm (PHY 3112) LAB Gammon, R

PHYS622 Introduction to Quantum Mechanics I; Grade Method: REG/AUD. Prerequisite: an outstanding undergraduate background in physics. — 4 credits
0101 MF.....11:00am-11:50am (PHY 1219) Mohapatra, R
M.....11:00am-12:45pm (PHY 1219)

PHYS623 Introduction to Quantum Mechanics II; Grade Method: REG/AUD. Prerequisite: an outstanding undergraduate background in physics. — 3 credits
0101 TuTh.....2:30pm- 3:45pm (PHY 1219) Chen, H

PHYS624 Advanced Quantum Mechanics; Grade Method: REG/AUD. Prerequisite: PHYS 623. — 3 credits
0101 MWF.....11:00am-11:50am (PHY 4208) Sucher, J

PHYS709 Seminar in General Physics: Statistical Physics Seminar; Grade Method: REG/AUD. — 1 credit
0101 Tu.....1:15pm- 2:30pm (IPT 1116) Fisher, M

PHYS719 Seminar in General Physics: Accelerator Theory and Dynamical Systems; Grade Method: REG/AUD. — 1 credit
0101 W.....4:00pm- 4:50pm (PHY 1221) STAFF

PHYS721 Theory of Atomic Spectra; Grade Method: REG/AUD. Prerequisite: PHYS 622. — 3 credits
0101 MW.....4:00pm- 5:15pm (PHY 0405) Griem, H

PHYS731 Solid State Physics: Survey; Grade Method: REG/AUD. — 3 credits
0101 TuTh.....11:00am-12:20pm (PHY 1221) Prange, R

PHYS738 Seminar in Experimental Solid State Physics: Quantum Mechanical Many-Body Problems; Grade Method: REG/AUD. — 1 credit
0101 Th.....3:00pm- 3:50pm (PHY 0405) Williams, E

PHYS739 Seminar in Theoretical Solid State Physics: Quantum Mechanical Many-Body Problems; Grade Method: REG/AUD. — 1 credit
0101 Th.....3:00pm- 3:50pm (PHY 0405) Williams, E

PHYS741 Nuclear Physics: Survey; Grade Method: REG/AUD. Prerequisites: PHYS 622; and PHYS 623. — 3 credits
0101 TuTh.....1:00pm- 2:15pm (PHY 0405) Chang, C

PHYS748 Seminar in Experimental Nuclear Physics; Grade Method: REG/AUD. — 1 credit
0101 M.....4:00pm- 5:30pm (PHY 1304) Chant, N

PHYS749 Seminar in Theoretical Nuclear Physics; Grade Method: REG/AUD. — 1 credit
0101 W.....2:00pm- 2:50pm (PHY 1219) Banerjee, M

PHYS751 Elementary Particle Physics I: Survey; Grade Method: REG/AUD. Corequisite: PHYS 624. — 3 credits
0101 TuTh.....2:30pm- 3:45pm (PHY 1402) Jawahery, A

PHYS758 Seminar in Elementary Particles and Quantum Field Theory: High Energy Physics; Grade Method: REG/AUD. — 1 credit
0101 W.....3:00pm- 4:30pm (PHY 4220) Jawahery, A

PHYS759 Seminar in Elementary Particles and Quantum Field Theory; Grade Method: REG/AUD. — 1 credit
0101 M.....3:00pm- 4:50pm (PHY 4102) Sucher, J

PHYS761 Plasma Physics I: Survey; Grade Method: REG/AUD. Prerequisites: [PHYS 604; and PHYS 606]. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (PHY 1402) Sagdeev, R

PHYS769 Seminar in Plasma Physics; Grade Method: REG/AUD. Class will meet in LPF 1207. — 1 credit
0101 M.....1:30pm- 2:20pm (Arranged) Hassam, A

PHYS778 Seminar in Space and Cosmic Ray Physics: High Energy Astrophysics; Grade Method: REG/AUD. — 1 credit
0101 M.....4:30pm- 5:45pm (CSS 1113) Gloeckler, G

PHYS779A Seminar in General Relativity: Theoretical General Relativity; Grade Method: REG/AUD. — 1 credit
0101 F.....1:30pm- 3:00pm (PHY 1304) Jacobson, T

PHYS779B Seminar in General Relativity: Experimental General Relativity; Grade Method: REG/AUD. — 1 credit
0101 Th.....2:00pm- 3:50pm (PHY 1126) Paik, H

PHYS798 Special Problems in Advanced Physics; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

PHYS798A (PermReq) Special Problems in Advanced Physics: Atomic and Molecular; Grade Method: REG/AUD. — 3 credits
0101 Time and room to be arranged Clark, C

PHYS798B Special Problems in Advanced Physics: Physics Colloquium; Grade Method: REG/AUD. — 1 credit
0101 Tu.....4:00pm- 4:50pm (PHY 1410) STAFF

PHYS798C Special Problems in Advanced Physics: Superconductivity; Grade Method: REG/AUD. — 3 credits
0101 MW. .....4:00pm- 5:15pm (MTH 0401) Lobb, C

PHYS799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

PHYS839 Special Topics in Theoretical Solid State Physics: Functional Methods in Statistical Physics and Condensed Matter Physics; Grade Method: REG/AUD. — 3 credits
0101 TuTh.....8:30am- 9:45am (PHY 1304) Kirkpatrick, T

PHYS875 Theory of Relativity: Survey; Grade Method: REG/AUD. Prerequisite: PHYS 601. — 3 credits
0101 TuTh.....9:30am-10:50am (PHY 1126) Jacobson, T

PHYS899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

Physics Colloquium meets TU 4-5.30 in PHY 1410 and PHY 1412. Physics Journal Club meets Th 4-5.30 in PHY 1410.

PORT Portuguese (Arts and Humanities)

PORT101 Elementary Portuguese; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. — 4 credits
0101 MWF.....12:00pm-12:50pm (JMZ 1226) Igel, R
Tu.....12:00pm-12:50pm (JMZ 1224)

PORT102 Elementary Portuguese; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Prerequisite: PORT 101. — 4 credits
0101 MWF.....1:00pm- 1:50pm (JMZ 0127) STAFF
Tu.....1:00pm- 1:50pm (JMZ 1226)

PORT203 Intermediate Portuguese; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Prerequisite: PORT 102. — 4 credits
0101 MWF.....12:00pm-12:50pm (JMZ 0202) Butler, P
Tu.....12:00pm-12:50pm (JMZ 1211)

PORT220 Introduction to Portuguese Literature; Grade Method: REG/P-F/AUD. Prerequisite: PORT 205. — 3 credits
0101 MWF.....11:00am-11:50am (HZF 1102) Igel, R

PORT223 Portuguese Culture in English; Grade Method: REG/P-F/AUD. CORE Distributive Studies Humanities Course. — 3 credits
0101 MWF.....10:00am-10:50am (HZF 1106) Butler, P

PORT386 Field Work; Grade Method: REG/P-F/AUD. Corequisite: PORT 387. — 3 credits
0101 Time and room to be arranged Igel, R

PORT387 Field Work Analysis; Grade Method: REG/P-F/AUD. Corequisite: PORT 386. — 3 credits
0101 Time and room to be arranged Igel, R

PORT399 (PermReq) Independent Study in Portuguese; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

PORT478 Themes and Movements of Luso-Brazilian Literature in Translation; Grade Method: REG/P-F/AUD. — 3 credits
0101 MWF.....10:00am-10:50am (JMZ 1215) Igel, R

PSYC Psychology (Behavior & Social Sci)

The following courses may involve the use of animals. Students who are concerned about the use of animals in teaching have the responsibility to contact the instructor, prior to course enrollment, to determine whether animals are to be used in the course, whether class exercises involving animals are optional or required and what alternatives, if any, are available.

PSYC100 Introduction to Psychology; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D Course. Discussion sections do not meet until after first lecture. — 3 credits
0110 MW.....1:00pm- 1:50pm (ZOP 1250) Mansbach, C
W.....2:00pm- 2:50pm (ZOP 1124) DIS
0111 MW.....1:00pm- 1:50pm (ZOP 1250) Mansbach, C
W.....3:00pm- 3:50pm (ZOP 1124) DIS
0112 MW.....1:00pm- 1:50pm (ZOP 1250) Mansbach, C
Th.....11:00am-11:50am (ZOP 1124) DIS
0113 MW.....1:00pm- 1:50pm (ZOP 1250) Mansbach, C
Th.....12:00pm-12:50pm (ZOP 1124) DIS
0114 MW.....1:00pm- 1:50pm (ZOP 1250) Mansbach, C
Th.....1:00pm- 1:50pm (ZOP 1124) DIS
0115 MW.....1:00pm- 1:50pm (ZOP 1250) Mansbach, C
Th.....2:00pm- 2:50pm (ZOP 1124) DIS
0220 MW.....3:00pm- 3:50pm (ZOP 1250) Martin, J
M.....2:00pm- 2:50pm (ZOP 1124) DIS
0221 MW.....3:00pm- 3:50pm (ZOP 1250) Martin, J
Tu.....11:00am-11:50am (ZOP 1124) DIS
0222 MW.....3:00pm- 3:50pm (ZOP 1250) Martin, J
Tu.....12:00pm-12:50pm (ZOP 1124) DIS
0223 MW.....3:00pm- 3:50pm (ZOP 1250) Martin, J
Tu.....1:00pm- 1:50pm (ZOP 1124) DIS
0224 MW.....3:00pm- 3:50pm (ZOP 1250) Martin, J
Tu.....2:00pm- 2:50pm (ZOP 1124) DIS
0225 MW.....3:00pm- 3:50pm (ZOP 1250) Martin, J
Tu.....3:00pm- 3:50pm (ZOP 1124) DIS
0330 TuTh.....1:00pm- 1:50pm (ZOP 1250) Martin, J
W.....10:00am-10:50am (ZOP 1228) DIS
0331 TuTh.....1:00pm- 1:50pm (ZOP 1250) Martin, J
W.....11:00am-11:50am (ZOP 1228) DIS
0332 TuTh.....1:00pm- 1:50pm (ZOP 1250) Martin, J
W.....12:00pm-12:50pm (ZOP 1228) DIS
0333 TuTh.....1:00pm- 1:50pm (ZOP 1250) Martin, J
W.....1:00pm- 1:50pm (ZOP 1228) DIS
0334 TuTh.....1:00pm- 1:50pm (ZOP 1250) Martin, J
W.....2:00pm- 2:50pm (ZOP 1228) DIS
0335 TuTh.....1:00pm- 1:50pm (ZOP 1250) Martin, J
W.....3:00pm- 3:50pm (ZOP 1228) DIS
0440 MW.....4:00pm- 4:50pm (ZOP 1250) Chaves, L
Th.....9:00am- 9:50am (ZOP 1228) DIS
0441 MW.....4:00pm- 4:50pm (ZOP 1250) Chaves, L
Th.....10:00am-10:50am (ZOP 1228) DIS
0442 MW.....4:00pm- 4:50pm (ZOP 1250) Chaves, L
Th.....11:00am-11:50am (ZOP 1228) DIS
0443 MW.....4:00pm- 4:50pm (ZOP 1250) Chaves, L
Th.....12:00pm-12:50pm (ZOP 1228) DIS
0444 MW.....4:00pm- 4:50pm (ZOP 1250) Chaves, L
Th.....1:00pm- 1:50pm (ZOP 1228) DIS
0445 MW.....4:00pm- 4:50pm (ZOP 1250) Chaves, L
F.....10:00am-10:50am (ZOP 1228) DIS
0550 MW.....12:00pm-12:50pm (ZOP 1250) Mansbach, C
M.....1:00pm- 1:50pm (ZOP 1232) DIS
0551 MW.....12:00pm-12:50pm (ZOP 1250) Mansbach, C
M.....3:00pm- 3:50pm (ZOP 1232) DIS
0552 MW.....12:00pm-12:50pm (ZOP 1250) Mansbach, C
W.....10:00am-10:50am (ZOP 1238) DIS
0553 MW.....12:00pm-12:50pm (ZOP 1250) Mansbach, C
W.....1:00pm- 1:50pm (ZOP 1232) DIS
0554 MW.....12:00pm-12:50pm (ZOP 1250) Mansbach, C
Th.....1:00pm- 1:50pm (ZOP 1232) DIS
0555 MW.....12:00pm-12:50pm (ZOP 1250) Mansbach, C
Th.....2:00pm- 2:50pm (ZOP 1232) DIS

0660 TuTh.....2:00pm- 2:50pm (JMZ 0220) STAFF
M.....9:00am- 9:50am (ZOP 1234) DIS
0661 TuTh.....2:00pm- 2:50pm (JMZ 0220) STAFF
M.....10:00am-10:50am (ZOP 1234) DIS
0662 TuTh.....2:00pm- 2:50pm (JMZ 0220) STAFF
M.....11:00am-11:50am (ZOP 1234) DIS
0663 TuTh.....2:00pm- 2:50pm (JMZ 0220) STAFF
M.....1:00pm- 1:50pm (ZOP 1234) DIS
0664 TuTh.....2:00pm- 2:50pm (JMZ 0220) STAFF
M.....2:00pm- 2:50pm (ZOP 1234) DIS
0665 TuTh.....2:00pm- 2:50pm (JMZ 0220) STAFF
M.....3:00pm- 3:50pm (ZOP 1234) DIS

PSYC100H (PermReq) Introduction to Psychology; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D Course. Honors. Permission may be obtained in the General Honors Program Office (0110 Hornbake) or in ZOP 1141. — 3 credits
0201 TuTh.....11:00am-12:15pm (ZOP 1234) Brauth, S

PSYC200 (PermReq) Statistical Methods in Psychology; Grade Method: REG/P-F/AUD. Prerequisite: PSYC 100; and MATH 111 or MATH 140 or MATH 220. — 3 credits
0101 MWF.....9:00am- 9:50am (ZOP 1236) Larkin, W
0201 MWF.....11:00am-11:50am (ZOP 1238) Larkin, W
0301 TuTh.....9:30am-10:45am (ZOP 1238) Penner, M
0401 TuTh.....11:00am-12:15pm (ZOP 1238) Horton, D
0501 TuTh.....12:30pm- 1:45pm (ZOP 1238) Penner, M
0601 MWF.....2:00pm- 2:50pm (ZOP 1238) Meinholdt, C

PSYC221 Social Psychology; Grade Method: REG/P-F/AUD. USP Distributive Studies Area D Course. Prerequisite: PSYC 100. — 3 credits
0110 MW.....1:00pm- 1:50pm (ZOP 1240) Aspinwall, L
W.....2:00pm- 2:50pm (ZOP 1234) DIS
0111 MW.....1:00pm- 1:50pm (ZOP 1240) Aspinwall, L
W.....3:00pm- 3:50pm (ZOP 1234) DIS
0112 MW.....1:00pm- 1:50pm (ZOP 1240) Aspinwall, L
Th.....1:00pm- 1:50pm (ZOP 1234) DIS
0113 MW.....1:00pm- 1:50pm (ZOP 1240) Aspinwall, L
Th.....2:00pm- 2:50pm (ZOP 1234) DIS
0114 MW.....1:00pm- 1:50pm (ZOP 1240) Aspinwall, L
Th.....3:00pm- 3:50pm (ZOP 1234) DIS
0115 MW.....1:00pm- 1:50pm (ZOP 1240) Aspinwall, L
F.....10:00am-10:50am (ZOP 1234) DIS
0116 MW.....1:00pm- 1:50pm (ZOP 1240) Aspinwall, L
F.....11:00am-11:50am (ZOP 1234) DIS
0117 MW.....1:00pm- 1:50pm (ZOP 1240) Aspinwall, L
F.....12:00pm-12:50pm (ZOP 1234) DIS
0118 MW.....1:00pm- 1:50pm (ZOP 1240) Aspinwall, L
F.....1:00pm- 1:50pm (ZOP 1234) DIS
0119 MW.....1:00pm- 1:50pm (ZOP 1240) Aspinwall, L
F.....2:00pm- 2:50pm (ZOP 1234) DIS

PSYC301 Biological Basis of Behavior; Grade Method: REG/P-F/AUD. USP Distributive Studies Area B Course. Prerequisite: PSYC 100. — 3 credits
0101 MWF.....2:00pm- 2:50pm (ZOP 1250) Yager, D

PSYC309A Special Topics in Psychology: Drug and Alcohol Abuse: From Cell to Society; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (ZOP 1236) Gollub, L

PSYC310 Perception; Grade Method: REG/P-F/AUD. USP Distributive Studies Area D Course. Prerequisite: PSYC 100 or permission of department. Not open to students who have completed PSYC 410. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (ZOP 1243) Sternheim, C

PSYC332 Psychology of Human Sexuality; Grade Method: REG/P-F/AUD. Prerequisite: PSYC 100. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (ZOP 1250) Brown, R

PSYC336 Psychology of Women; Grade Method: REG/P-F/AUD. Prerequisite: PSYC 100. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (ZOP 1243) Helms, J

PSYC353 Adult Psychopathology; Grade Method: REG/P-F/AUD. USP Distributive Studies Area D Course. Prerequisite: PSYC 100. Credit will be granted for only one of the following: PSYC 353 and PSYC 331 or PSYC 431. — 3 credits
0101 MWF.....10:00am-10:50am (ZOP 1250) Steele, R

PSYC354 Cross-Cultural Psychology; Grade Method: REG/P-F/AUD. USP Advanced Studies — 3 credits

Analysis of Human Problems Course. Prerequisite: PSYC 100 plus 3 credits in psychology or permission of department.
0101 TuTh.....9:30am-10:45am (ZOP 1124) Tyler, F

PSYC355 Child Psychology; Grade Method: REG/P-F/AUD. USP Distributive Studies Area D Course. Prerequisite: PSYC 100. Not open to students who have completed PSYC 333 or PSYC 433. — 3 credits
0101 MWF.....11:00am-11:50am (ZOP 1243) Wallner, K

PSYC356 Psychology of Adolescence; Grade Method: REG/P-F/AUD. Prerequisite: PSYC 355 or permission of department. — 3 credits
0101 TuTh.....3:30pm- 4:45pm (ZOP 1243) Hall, W

PSYC357 Psychology of Adulthood and Aging; Grade Method: REG/P-F/AUD. Prerequisite: PSYC 100. — 3 credits
0101 TuTh.....3:30pm- 4:45pm (ZOP 1250) Johnson, J

PSYC361 Survey of Industrial and Organizational Psychology; Grade Method: REG/P-F/AUD. Prerequisite: PSYC 100. — 3 credits
0101 TuTh.....11:00am-12:15pm (ZOP 1250) Hanges, P

PSYC386 (PermReq) Field Work; Grade Method: REG/P-F/AUD. Corequisite: PSYC 387. Information about the psychology field work program may be obtained in ZOP 1141. — 1-3 credits
0101 W.....3:00pm- 5:00pm (ZOP 1232) Coursey, R
Time and room to be arranged DIS

PSYC387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD. Corequisite: PSYC 386. Information about the psychology field work program may be obtained in ZOP 1141. — 1 credit
0101 Time and room to be arranged Coursey, R

PSYC400 (PermReq) Experimental Psychology: Learning and Motivation; Grade Method: REG/P-F/AUD. Prerequisites: PSYC 200; completion of the departmentally required English, math and science supporting course sequence; and permission of department. Permission may be obtained in ZOP 1141. Department approval required after first week of classes. Waitlist is discontinued after first week of classes. — 4 credits
0101 TuTh.....10:00am-10:50am (ZOP 1243) Gollub, L
MTuThF.....11:00am-11:50am (ZOP 4102) LAB
0102 TuTh.....10:00am-10:50am (ZOP 1243) Gollub, L
MTuThF.....12:00pm-12:50pm (ZOP 4102) LAB
0103 TuTh.....10:00am-10:50am (ZOP 1243) Gollub, L
MTuThF.....1:00pm- 1:50pm (ZOP 4102) LAB
0104 TuTh.....10:00am-10:50am (ZOP 1243) Gollub, L
MTuThF.....2:00pm- 2:50pm (ZOP 4102) LAB
0105 TuTh.....10:00am-10:50am (ZOP 1243) Gollub, L
MTuThF.....3:00pm- 3:50pm (ZOP 4102) LAB
0106 TuTh.....10:00am-10:50am (ZOP 1243) Gollub, L
MTuThF.....9:00am- 9:50am (ZOP 4102) LAB

PSYC402 Physiological Psychology; Grade Method: REG/P-F/AUD. Prerequisite: PSYC 206 or PSYC 301. Credit will be granted for only one of the following: ZOOL 323 or PSYC 402. — 3 credits
0101 MWF.....10:00am-10:50am (ZOP 1236) Dooling, R

PSYC403 Animal Behavior; Grade Method: REG/P-F/AUD. Prerequisite: PSYC 206 or PYSC 301. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (ZOP 2283) Hodos, W

PSYC410 (PermReq) Experimental Psychology: Sensory Processes I; Grade Method: REG/P-F/AUD. Prerequisites: PSYC 200; and completion of the English, math and science supporting course sequence; and permission of department. A student who has completed PSYC 310 must have permission of the instructor in order to register for PSYC 410. All others must obtain permission in ZOP 1141. Department approval required after first week of classes. Waitlist is discontinued after first week of classes. — 4 credits
0101 TuTh.....9:30am-10:45am (ZOP 2283) Sternheim, C
F.....1:00pm- 3:00pm (ZOP 0124) LAB
0102 TuTh.....9:30am-10:45am (ZOP 2283) Sternheim, C
F.....10:00am-12:00pm (ZOP 0124) LAB

PSYC420 (PermReq) Experimental Psychology: Social Processes I; Grade Method: REG/P-F/AUD. Prerequisite: PSYC 200; and PSYC 221; and completion of the departmentally required English, math, and science supporting course sequence; and permission of department. Permission may be obtained in ZOP 1141. Department approval is required after first week of classes. Waitlist is discontinued after first week of classes. — 4 credits
0101 M.....2:00pm- 4:00pm (ZOP 1243) Stangor, C
TuTh.....10:00am-12:00pm (ZOP 0147) LAB
0102 M.....2:00pm- 4:00pm (ZOP 1243) Stangor, C
TuTh.....12:00pm- 2:00pm (ZOP 0147) LAB
0103 M.....2:00pm- 4:00pm (ZOP 1243) Stangor, C
TuTh.....2:00pm- 4:00pm (ZOP 0147) LAB
0104 M.....2:00pm- 4:00pm (ZOP 1243) Stangor, C
WF.....10:00am-12:00pm (ZOP 0147) LAB
0105 M.....2:00pm- 4:00pm (ZOP 1243) Stangor, C
WF.....12:00pm- 2:00pm (ZOP 0147) LAB
0106 M.....2:00pm- 4:00pm (ZOP 1243) Stangor, C
WF.....2:00pm- 4:00pm (ZOP 0147) LAB

PSYC423 Advanced Social Psychology; Grade Method: REG/P-F/AUD. Prerequisite: PSYC 420, or permission of department. — 3 credits
0101 Th.....3:30pm- 6:00pm (ZOP 1236) Sigall, H

PSYC432 Introduction to Counseling Psychology; Grade Method: REG/P-F/AUD. Prerequisite: nine hours in psychology including PSYC 200. — 3 credits
0101 MWF.....11:00am-11:50am (ZOP 1236) Slyter, S

PSYC433 Analysis of Helping Relationships; Grade Method: REG. Prerequisites: PSYC 200; [and PSYC 235 or PSYC 334 or PSYC 435 or PSYC 432]. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (ZOP 1236) Regan, A

PSYC435 Personality Theories; Grade Method: REG/P-F/AUD. Prerequisite: PSYC 100; and PSYC 200 or equivalent. — 3 credits
0101 TuTh.....9:30am-10:45am (ZOP 1236) Alexander, P

PSYC438 Introduction to Clinical Psychology; Grade Method: REG/P-F/AUD. Prerequisite: PSYC 200 or equivalent. — 3 credits
0101 MWF.....1:00pm- 1:50pm (ZOP 1236) Dies, R

PSYC440 (PermReq) Experimental Psychology: Cognitive Processes; Grade Method: REG/P-F/AUD. Prerequisites: PSYC 100; and PSYC 200 or a statistics course from an approved departmental list; and completion of the departmentally required English, math and science supporting course sequence; and permission of department. Department approval required after first week of classes. Waitlist is discontinued after first week of classes. — 4 credits
0101 TuTh.....1:00pm- 1:50pm (ZOP 2283) Norman, K
Tu.....2:00pm- 5:00pm (ZOP 0124) LAB
Time and room to be arranged DIS
0102 TuTh.....1:00pm- 1:50pm (ZOP 2283) Norman, K
W.....12:30pm- 3:30pm (ZOP 0124) LAB
Time and room to be arranged DIS

PSYC463 Psychology of Motivation and Attitudes in Organizational Settings; Grade Method: REG/P-F/AUD. Prerequisites: PSYC 200 and PSYC 361 (or their equivalents). — 3 credits
0101 Tu.....3:00pm- 5:30pm (ZOP 1232) Gunnarson, S

PSYC464 Psychology of Leaders in Work Organizations; Grade Method: REG/P-F/AUD. Prerequisite: PSYC 361 or equivalent. — 3 credits
0101 W.....3:00pm- 5:30pm (ZOP 1236) Klein, K

PSYC466 Environmental and Ecological Psychology; Grade Method: REG/P-F/AUD. Prerequisite: PSYC 200 or equivalent. — 3 credits
0101 TuTh.....11:00am-12:15pm (ZOP 1236) Trickett, E

PSYC468H (PermReq) Field Experience and Special Assignments in Honors; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Permission may be obtained in ZOP 1107. — 1-3 credits

PSYC469H (PermReq) Honors Thesis Proposal Preparation; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Permission may be obtained in ZOP 1107. — 1-3 credits

PSYC478 (PermReq) Independent Study in Psychology; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Information about independent study may be obtained in ZOP 1107. — 1-3 credits

PSYC479 (PermReq) Special Research Problems in Psychology; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Information about research credit may be obtained in ZOP 1107. — 1-3 credits

PSYC489 Senior Seminar; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (ZOP 1238) Kruglanski, A

PSYC498H Advanced Psychology II (Honors); Grade Method: REG/P-F/AUD. — 3 credits
0101 W.....9:30am-12:00pm (ZOP 1103) Hill, C

PSYC499H (PermReq) Honors Thesis Research; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: permission of the thesis advisor. Permission may be obtained in ZOP 1107.

Note: For all non-psychology graduate students, written permission of the instructor is required for all 600 courses and above. — 3 credits

PSYC601 Quantitative Methods I; Grade Method: REG/AUD. Prerequisite: PSYC 200 or equivalent. For all non-PSYC graduate students, permission of instructor and department is required. This course is for PSYC majors only. — 3 credits
0101 TuTh.....10:00am-12:00pm (ZOP 1232) Anderson, N

PSYC611 Advanced Developmental Psychology; Grade Method: REG/AUD. This course is for PSYC majors only; — 3 credits
0101 M.....3:00pm- 5:30pm (ZOP 1103) Scholnick, E

PSYC640 Fundamentals of Social Psychology; Grade Method: REG/AUD. This course is for PSYC majors only. — 3 credits
0101 Tu.....3:00pm- 5:30pm (ZOP 3132) Sigall, H

PSYC660 Human Biopsychology; Grade Method: REG/AUD. This course if for PSYC majors only. — 3 credits
0101 Th.....1:30pm- 4:00pm (ZOP 1103) Brauth, S

PSYC671 Advanced Topics in Human Learning and Cognitive Psychology; Grade Method: REG/AUD. This course if for PSYC majors only. — 3 credits
0101 F.....10:00am- 1:00pm (ZOP 1103) Horton, D

PSYC701 Multivariate Analysis I; Grade Method: REG/AUD. Prerequisite: PSYC 602 or permission of department. This course is for PSYC majors only. — 3 credits
0101 Tu.....12:00pm- 3:00pm (ZOP 1112) Ogrady, K

PSYC713 Fundamentals of Clinical/Community Psychology; Grade Method: REG/AUD. Prerequisite: permission of department. This course is for PSYC majors only. — 3 credits
0101 W.....12:00pm- 3:00pm (ZOP 1103) Lorion, R

PSYC719 Seminar in Clinical, Counseling, and Community Psychology; Grade Method: REG/AUD. For all non-PSYC graduate students, permission of instructor and department is required. This course is for PSYC majors only. — 3 credits
0101 M.....9:30am-12:00pm (ZOP 1112) Hill, C
0201 Th.....9:00am-11:30am (ZOP 1112) Brown, R

PSYC721 Assesment Issues in Clinical/Community Psychology I; Grade Method: REG/AUD. Prerequisite: permission of department. Corequisite: PSYC 722. For all non-PSYC graduate students, permission of instructor and department is required. This course is for PSYC majors only. — 2 credits
0101 M.....9:00am-12:00pm (ZOP 2109) Coursey, R
0301 W.....12:00pm- 3:00pm (ZOP 2109) Helms, J

PSYC722 Assesment Issues in Clinical/Community Psychology I; Grade Method: REG/AUD. Prerequisite: permission of department. Corequisite: PSYC 721. For all non-Psyc graduate students, permission of instructor and department is required. This course is for PSYC majors only. — 2 credits
0101 Time and room to be arranged Johnson, J

PSYC728 Introductory Didactic-Practicum in Psychological Intervention; Grade Method: REG/AUD. For all non-PSYC graduate students, permission of instructor and department is required. This course is for PSYC majors only. — 3 credits
0101 Time and room to be arranged Dies, R
0201 Time and room to be arranged Alexander, P
0301 Time and room to be arranged Lorion, R

PSYC729 Advanced Didactic-Practicum in Psychological Intervention; Grade Method: REG/AUD. For all non-PSYC graduate students, permission of instructor and department is required. This course is for PSYC majors only. — 3 credits
0101 M.....1:00pm- 3:00pm (ZOP 1103) Gelso, C
Time and room to be arranged DIS
0201 Time and room to be arranged Steele, R
0301 Time and room to be arranged Trickett, E

PSYC730 Introduction to Industrial and Organizational Psychology; Grade Method: REG/AUD. For all non-PSYC graduate students, permission of instructor and department is required. This course is for PSYC majors only. — 3 credits
0101 M.....9:30am-12:00pm (ZOP 1103) Schneider, B

PSYC732 Selection and Classification Issues in Organizations; Grade Method: REG/AUD. Prerequisite: PSYC 730, and PSYC 601 and PSYC 602 or equivalent, or permission of department. This course is for PSYC majors only. — 3 credits
0101 Tu.....3:00pm- 5:30pm (ZOP 2109) Hanges, P

PSYC738 Seminar in Industrial Psychology; Grade Method: REG/AUD. — 3 credits
0101 Tu.....9:30am-12:00pm (ZOP 1103) Schneider, B

PSYC743 Person Perception; Grade Method: REG/AUD. This course is for PSYC majors only. — 3 credits
0101 W.....3:00pm- 5:30pm (ZOP 3132) Kruglanski, A

PSYC748 Seminar in Social Psychology; Grade Method: REG/AUD. This course is for PSYC majors only. — 3 credits
0101 M.....9:30am-12:00pm (ZOP 3132) Stangor, C

PSYC749 Current Research in Social Psychology; Grade Method: REG/AUD. For all non-PSYC graduate students, permission of instructor and department is required. This course is for PSYC majors only. — 1-3 credits
0101 M.....4:00pm- 6:30pm (ZOP 3132) Aspinwall, L

PSYC764 Comparative Neuroanatomy; Grade Method: REG/AUD. Prerequisite: permission of department. This course is for PSYC majors only. — 3 credits
0101 MWF.....2:00pm- 4:00pm (ZOP 4120) Hodos, W

PSYC789 Special Research Problems; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. This course is for PSYC majors only. — 1-4 credits

PSYC798 Graduate Seminar; Grade Method: REG/AUD. This course is for PSYC majors only; — 2 credits
0201 Tu.....3:00pm- 5:30pm (ZOP 1234) Dies, K
6901 W.....3:00pm- 5:30pm (ZOP 2283) Dooling, R

PSYC799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. For all non-PSYC graduate students, permission of instructor and department is required. This course is for PSYC majors only. — 1-6 credits

PSYC818 Research Issues in Personality Or Development; Grade Method: REG/AUD. — 3 credits
0101 W.....3:00pm- 5:30pm (ZOP 1238) Hall, W

PSYC888 Research Methods in Psychology; Grade Method: REG/AUD. For all non-PSYC graduate students, permission of instructor and department is required. — 1-3 credits
0101 M.....4:00pm- 5:30pm (ZOP 2109) Klein, K
0201 W.....3:30pm- 5:30pm (ZOP 1112) Norman, K
0301 Th.....8:30am-10:00am (ZOP 1103) Fretz, B

PSYC899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. This course is for PSYC majors only. — 1-8 credits

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PUAF Public Affairs (Public Affairs)

PUAF601 (PermReq) Professional Development Seminar, Grade Method: REG/AUD. Prerequisite: permission of department. — 1 credit
0101 Tu.....2:00pm- 3:30pm (HZF 1101) Powers, W

PUAF610 (PermReq) Quantitative Methods in Policy Analysis; Grade Method: REG/AUD. Prerequisite: permission of department. — 3 credits
0101 TuTh.....9:30am-10:45am (LEF 1201) Cohen, M
Time and room to be arranged DIS
0201 M.....4:00pm- 6:30pm (SCP 1121) Ards, S
Time and room to be arranged DIS

PUAF620 (PermReq) Political Analysis; Grade Method: REG/AUD. Prerequisite: permission of department. — 3 credits
0101 TuTh.....10:45am-12:00pm (PHY 1402) Schick, A
0301 M.....1:30pm- 3:45pm (LEF 1221) Kelleher, C

PUAF640 (PermReq) Microeconomic Theory and Policy Analysis; Grade Method: REG/AUD. Prerequisite: permission of department. — 3 credits
0101 MW.....9:00am-10:25am (LEF 1208) Levy, F
Time and room to be arranged DIS

PUAF641 (PermReq) Macroeconomic Theory and Policy Analysis; Grade Method: REG/AUD. Prerequisite: permission of department. — 3 credits
0101 W.....7:00pm- 9:30pm (HBK 1108) Marquez, J

PUAF650 (PermReq) Normative Analysis; Grade Method: REG/AUD. Prerequisite: permission of department. — 3 credits
0201 W.....4:00pm- 6:30pm (TYD 0101) Sagoff, M

PUAF660 (PermReq) Policy Workshop; Grade Method: REG/AUD. Prerequisite: permission of department. — 3 credits
0101 MW.....10:30am-11:45am (LEF 1208) Badgett, L

PUAF698D (PermReq) Selected Topics in Public Affairs: Conflict, Cooperation, and Strategy; Grade Method: REG/AUD. — 1-3 credits
0101 Tu.....1:30pm- 4:00pm (JMZ 0118) Schelling, T

PUAF698E (PermReq) Selected Topics in Public Affairs: Leadership; Grade Method: REG. For majors or department permission. — 3 credits
0101 W.....7:00pm- 9:30pm (SCP 1101) Adams, B

PUAF698F (PermReq) Selected Topics in Public Affairs: Energy Seminar; Grade Method: REG/AUD. — 1-3 credits
0101 Th.....1:30pm- 4:00pm (JRN 1103) Miller, A

PUAF698G (PermReq) Selected Topics in Public Affairs: Running for President: The View from Inside; Grade Method: REG/AUD. — 1-3 credits
0101 Th.....7:00pm- 9:30pm (LEF 1208) Beckel, R

PUAF698I (PermReq) Selected Topics in Public Affairs: Public Resource Allocation; Grade Method: REG/AUD. — 1-3 credits
0101 Tu.....1:30pm- 4:00pm (JMZ 0208) Young, H

PUAF698Q (PermReq) Selected Topics in Public Affairs: American Living Standards and Poverty; Grade Method: REG/AUD. — 3 credits
0101 MW.....2:00pm- 3:30pm (LEF 1222) Levy, F

PUAF698R (PermReq) Selected Topics in Public Affairs: Family Policy; Grade Method: REG/AUD. — 3 credits
0101 W.....4:00pm- 6:30pm (WDS 1131) Ards, S

PUAF698S (PermReq) Selected Topics in Public Affairs: Soviet-American Relations; Grade Method: REG/AUD. — 3 credits
0101 M.....1:30pm- 4:00pm (ZOP 1208) Daalder, I

PUAF698W (PermReq) Selected Topics in Public Affairs: Terrorism and Democracy; Grade Method: REG/AUD. — 3 credits
0101 W.....1:30pm- 3:45pm (HZF 1106) Turner, S

PUAF698Y (PermReq) Selected Topics in Public Affairs: Implementation of Domestic Social Policy; Grade Method: REG/AUD. — 3 credits
0101 M.....4:00pm- 6:30pm (ZOP 1232) Mohrman, K

PUAF698Z (PermReq) Selected Topics in Public Affairs: Seminar in U.S.-Japan Relations; Grade Method: REG/AUD. — 3 credits
0101 Tu.....1:30pm- 4:00pm (JMZ 2123) Destler, I

PUAF700 (PermReq) U.S. Trade: Policy and Politics; Grade Method: REG/AUD. Prerequisites: [PUAF 620; and PUAF 640; and PUAF 641] and permission of department. — 3 credits
0101 W.....4:00pm- 6:30pm (WDS 1130) Destler, I

PUAF701 (PermReq) Public Policies Toward Business: Legal Institutions; Grade Method: REG/AUD. Prerequisite: permission of department. — 3 credits
0101 Th.....4:00pm- 6:30pm (LEF 2166) Harter, P

PUAF711 (PermReq) Management Strategies in Public Organizations; Grade Method: REG/AUD. Prerequisite: permission of department. — 3 credits
0201 W.....1:30pm- 4:00pm (LEF 1208) Powers, W

PUAF712 (PermReq) Analysis of Fiscal Conditions; Grade Method: REG/AUD. Prerequisite: permission of department. — 3 credits
0101 W.....4:00pm- 6:30pm (LEF 1208) Slater, S

PUAF714 (PermReq) Advanced Financial Management; Grade Method: REG/AUD. Prerequisite: permission of department. — 3 credits
0101 M.....4:00pm- 6:30pm (LEF 1208) Slater, S

PUAF715 (PermReq) Government and Non-Profit Accounting; Grade Method: REG/AUD. Prerequisites: permission of department. — 3 credits
0101 Th.....7:00pm- 9:30pm (JMZ 2207) Campbell, L

PUAF720 (PermReq) National Security in the Nuclear Age; Grade Method: REG/AUD. Prerequisite: permission of department. — 3 credits
0101 Th.....1:00pm- 4:00pm (LEF 1208) Fetter, S

PUAF740 (PermReq) Public Policy and the Environment; Grade Method: REG/AUD. Prerequisite: permission of department. This course will be taught in Washington. — 3 credits
0101 M.....4:00pm- 6:30pm (LEF 1221) Brown, P

PUAF790 (PermReq) Project Course; Grade Method: REG/AUD. Prerequisite: permission of department. — 3 credits
0101 Time and room to be arranged Fetter, S
0201 Time and room to be arranged Destler, I
0301 Time and room to be arranged Rogers, J
0401 Time and room to be arranged Brown, P
0501 Time and room to be arranged Levy, F

PUAF798B (PermReq) Readings in Public Policy; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

PUAF798R (PermReq) Readings in Public Policy: Research Methods and Public Policy; Grade Method: REG/AUD. PHD candidates or department permission. — 3 credits
0101 Tu.....1:30pm- 4:00pm (LEF 1208) Schick, A

PUAF899 (PermReq) Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

RECR Recreation (Hlth & Human Performance)

RECR130 Recreation and Leisure; Grade Method: REG/P-F/AUD. USP Distributive Studies Area D Course. — 3 credits
- 0101 MWF.....9:00am- 9:50am (HHP 1301) — Dougherty, M

RECR270 Leisure Services and Special Populations; Grade Method: REG/P-F/AUD. — 3 credits
- 0101 TuTh.....9:30am-10:45am (HHP 0307) — Francis, T

RECR271 Implications of Disabling Conditions For Therapeutic Recreation; Grade Method: REG/P-F/AUD. — 3 credits
- 0101 TuTh.....12:30pm- 1:45pm (HHP 0307) — Annand, V

RECR341 (PermReq) Field Work II; Grade Method: REG. Prerequisites: RECR 300; and permission of department. — 8 credits
- 0101 M.....5:30pm- 7:00pm (HHP 0301) LAB — Annand, V
  Time and room to be arranged LAB

RECR375 Principles of Therapeutic Recreation; Grade Method: REG. Prerequisite: RECR 271. — 3 credits
- 0101 TuTh.....8:00am- 9:15am (HHP 0303) — STAFF

RECR386 (PermReq) Field Work; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: RECR 387. Advisor approval required before registration. This course meets twice during the semester. Contact the department for meeting dates and times on first day of semester. — 1-3 credits

RECR387 (PermReq) Field Work Analysis; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: RECR 386. Advisor approval required before registration. This course meets twice during the semester. Contact the department for meeting dates and times on first day of semester. — 1-3 credits

RECR410 Measurement and Evaluation in Recreation; Grade Method: REG/P-F/AUD. Prerequisite: RECR 130; or permission of department. At least 56 credits earned. — 3 credits
- 0101 TuTh.....9:30am-10:45am (HHP 0305) — Drogin, E

RECR420 Program Planning and Analysis; Grade Method: REG/P-F/AUD. Prerequisite: RECR 130; or RECR 325. Recommended: RECR 220. — 3 credits
- 0101 TuTh.....11:00am-12:15pm (HHP 0307) — STAFF

RECR432 Philosophy of Recreation; Grade Method: REG/P-F/AUD. At least 56 hours earned. — 3 credits
- 0101 MWF.....9:00am- 9:50am (HHP 0301) — Humphrey, F

RECR460 Leadership Techniques and Practices; Grade Method: REG/P-F/AUD. Prerequisite: RECR 130. At least 56 credits earned. — 3 credits
- 0101 TuTh.....2:00pm- 3:15pm (HHP 0302) — Humphrey, F

RECR489 (PermReq) Field Laboratory Projects and Workshop; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. Advisor approval required before registration. — 1-6 credits

RECR489R Field Laboratory Projects and Workshop: Orientation to Leisure Service; Grade Method: REG. Limited to recreation majors. Must enroll for RECR 130 at the same time. — 1 credit
- 0101 W.....3:00pm- 3:50pm (HHP 0307) LAB — Churchill, J

RECR490 Organization and Administration of Recreation; Grade Method: REG/P-F/AUD. At least 56 credits earned. — 3 credits
- 0101 MWF.....11:00am-11:50am (HHP 0305) — Churchill, J

RECR493 Tourism and Commercial Leisure Services; Grade Method: REG/P-F/AUD. — 3 credits
- 0101 TuTh.....12:30pm- 1:45pm (HHP 0303) — Verhoven Jr., P

RECR498C Special Topics in Recreation: Sign Language and Recreation for the Deaf; Grade Method: REG/P-F/AUD. — 3 credits
- 0101 Tu.....4:00pm- 6:30pm (HHP 0308) — Oliva, G

RECR498W Special Topics in Recreation: Wilderness Area Management; Grade Method: REG/P-F/AUD. — 3 credits
- 0101 Th.....4:00pm- 6:30pm (HHP 0307) — Kuss, F

RECR498Y Special Topics in Recreation: Computer Applications in Leisure Services; Grade Method: REG/P-F/AUD. — 3 credits
- 0101 M.....7:00pm- 9:30pm (HHP 1304) — Drogin, E

RECR610 Methods and Techniques of Research; Grade Method: REG/AUD. — 3 credits
- 0101 Tu.....4:00pm- 6:30pm (HHP 0301) — Iso-Ahola, S

RECR633 Foundations of Recreation; Grade Method: REG/AUD. Prerequisite: permission of department. Required for all entering graduate students. — 3 credits
- 0101 M.....4:00pm- 6:30pm (HHP 1302) — Kuss, F

RECR687 (PermReq) Advanced Seminar; Grade Method: REG. Prerequisite: permission of department. Repeatable to 3 credits. — 1-3 credits
- 0401 M.....7:00pm- 9:30pm (HHP 0305) — Churchill, J

RECR688 (PermReq) Special Problems in Recreation; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. Graduate students only. Must have consent of instructor prior to registration. — 1-6 credits

RECR688A Special Problems in Recreation: Conceptual Issues in Therapeutic Recreation; Grade Method: REG. — 3 credits
- 0101 W.....4:00pm- 6:30pm (HHP 0307) — Annand, V

RECR690 Administrative Direction of Recreation; Grade Method: REG/AUD. — 3 credits
- 0101 Tu.....7:00pm- 9:30pm (HHP 0305) — Verhoven Jr., P

RECR799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

RECR899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

RTVF Radio Television and Film (Arts and Humanities)

RTVF 124 and RTVF 314 are open to non-majors and do not count toward the major. RTVF 212, RTVF 213, and RTVF 214 are open only to majors and are prerequisites for all other RTVF courses. RTVF majors must consult the description of the RTVF major in the catalog and an advisor to insure proper sequencing of courses. For the Fall 1991 semster, the prerequisites for current majors prior to enrolling in upper level RTVF courses are old RTVF 222 and RTVF 223 (grade of C or better) for broadcasting and production courses and old RTVF 222 and RTVF 314 (grade of C or better) for film courses.

RTVF124 Mass Communication in 20th Century Society; Grade Method: REG/P-F/AUD. USP Distributive Studies Area D Course. — 3 credits
- 0101 MWF.....9:00am- 9:50am (TWS 2154) — Aylward, T

RTVF212 Introduction to Broadcasting; Grade Method: REG/P-F/AUD. For RTVF majors only. Credit will be granted for only one of the following: RTVF 212 and RTVF 222. Formerly RTVF 222. — 3 credits
- 0101 MW.....3:00pm- 4:30pm (TWS 2154) — Gomery, D

RTVF213 Introduction to Production; Grade Method: REG/P-F/AUD. Prerequisite: RTVF 212. For RTVF majors only. Credit will be granted for only one of the following: RTVF 213 or RTVF 223. Formerly RTVF 223. — 3 credits
- 0101 MWF.....11:00am-11:50am (TWS 2154) — Miller, D

RTVF214 Introduction to Film; Grade Method: REG/P-F/AUD. For RTVF majors only. — 3 credits
- 0101 M.....12:00pm- 3:00pm (TWS 2154) — Marchetti, G
  W.....12:00pm- 2:00pm (TWS 2154) LAB

RTVF302 (PermReq) Beginning Sound Production; Grade Method: REG/P-F/AUD. Prerequisite: RTVF 212; and RTVF 213; and RTVF 214 with a grade of C or better in each. Majors only. — 3 credits
- 0101 M.....2:00pm- 2:50pm (TWS 0147) — Kornblith, J
  MW.....11:00am-12:50pm (TWS 0131) LAB
- 0102 M.....2:00pm- 2:50pm (TWS 0147) — Kornblith, J
  MW.....3:00pm- 4:50pm (TWS 0131) LAB

RTVF303 (PermReq) Principles of Television Production; Grade Method: REG/P-F/AUD. Prerequisites: RTVF 212, and RTVF 213, and RTVF 214 with a grade of C or better in each. For RTVF majors only. Credit will be granted for only one of the following: RTVF 303 or RTVF 340. Formerly RTVF 340. — 3 credits
- 0101 M.....1:00pm- 1:50pm (ASY 2203) — Aylward, T
  MW.....2:00pm- 3:50pm (TWS 0117) LAB
- 0102 M.....1:00pm- 1:50pm (ASY 2203) — Aylward, T
  MW.....11:00am-12:50pm (TWS 0117) LAB
- 0103 M.....1:00pm- 1:50pm (ASY 2203) — Aylward, T
  TuTh.....9:00am-10:50am (TWS 0117) LAB
- 0104 M.....1:00pm- 1:50pm (ASY 2203) — Aylward, T
  TuTh.....11:00am-12:50pm (TWS 0117) LAB

RTVF304 (PermReq) Film Production I; Grade Method: REG/P-F/AUD. Prerequisites: RTVF 212 and RTVF 213 and RTVF 214 with a grade of C or better in each. For RTVF majors only. Credit will be granted for only one of the following: RTVF 304 or RTVF 356. Formerly RTVF 356. — 3 credits
- 0101 TuTh.....9:30am-11:00am (TWS 2218) — Coustaut, C

RTVF314 The Structure and Meaning of Film for Non-Majors; Grade Method: REG/P-F/AUD. USP Distributive Studies Area C Course. — 3 credits
- 0101 Tu.....12:30pm- 3:00pm (TWS 2154) — Mashon, K
  Th.....12:30pm- 2:30pm (TWS 2154)
- 0102 MW.....5:00pm- 7:00pm (TWS 2154) — Gateward, F

RTVF317 (PermReq) Introduction to Writing For Radio, Television, Film; Grade Method: REG/P-F/AUD. Prerequisites: RTVF 212, and RTVF 213, and RTVF 214 with a grade of C or better in each. For RTVF majors only. Majors only. — 3 credits
- 0101 MWF.....9:00am- 9:50am (TWS 1204) — DeGraff, J
- 0201 TuTh.....1:00pm- 2:15pm (TWS 0135) — Coustaut, C

RTVF321 Close Analysis of Media; Grade Method: REG/P-F/AUD. Prerequisites: RTVF 212, and RTVF 213, and RTVF 214 with a grade of C or better in each. For RTVF majors only. — 3 credits
- 0101 MW.....11:00am-12:30pm (TWS 0138) — Marchetti, G
- 0102 TuTh.....11:30am-12:45pm (SYM 2109) — Jutel, T

RTVF342 The History of Broadcasting; Grade Method: REG/P-F/AUD. Prerequisites: RTVF 212; and RTVF 213; and RTVF 214 with a grade of C or better in each. For RTVF majors only. — 3 credits
- 0101 MWF.....10:00am-10:50am (TWS 0147) — Kirkley Jr, D

RTVF384 (PermReq) Field Work Experience; Grade Method: S-F. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: permission of department and 18 RTVF credits and 2.8 GPA. Corequisite: RTVF 385 at same credit level. Senior standing. For RTVF majors only. Applications must be approved prior to registration. Grading satisfactory/fail only. — 1-3 credits

RTVF385 (PermReq) Field Work Analysis; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: permission of department and 18 RTVF credits and 2.8 GPA. Corequisite: RTVF 384 at the same credit level. Senior standing. For RTVF majors only. Applications must be approved prior to registration. — 1-3 credits

RTVF403 (PermReq) Television Direction I; Grade Method: REG/P-F/AUD. Prerequisites: RTVF 303 and permission of department. For RTVF majors only. Credit will be granted for only one of the following: RTVF 403 or RTVF 440. Formerly RTVF 440. — 3 credits
- 0101 MW.....9:00am-10:50am (TWS 0117) — Miller, D

RTVF406 (PermReq) Film Production III, Synchronized Sound Film Systems; Grade Method: REG/P-F/AUD. Prerequisite: RTVF 405 and permission of department. For RTVF majors only. Credit will be granted for only one of the following: RTVF 406 or RTVF 466. Formerly RTVF 466. — 3 credits
- 0101 TuTh.....1:00pm- 2:30pm (TWS 2218) — Weiss, G

RTVF407 (PermReq) Television Workshop; Grade Method: REG/P-F/AUD. Prerequisite: permission of department. For RTVF majors only. Formerly RTVF 449. — 3 credits
- 0101 TuTh.....11:00am-12:30pm (TWS 0138) — Daso, D

RTVF417 (PermReq) Screenwriting for TV and Film I; Grade Method: REG/P-F/AUD. Prerequisites: RTVF 317; and permission of department. Majors only. — 3 credits
- 0101 MW.....4:30pm- 6:30pm (TWS 0138) — Blum, R

RTVF426 Gender Roles and Media; Grade Method: REG/P-F/AUD. Prerequisite: RTVF 321 or RTVF 327. — 3 credits
- 0101 MWF.....10:00am-10:50am (TWS 0131) — Parks, S

RTVF431 (PermReq) Television Programming; Grade Method: REG/P-F/AUD. Prerequisite: RTVF 327 or RTVF 342 or RTVF 343. For RTVF majors only. Credit will be granted for only one of the following: RTVF 431 or RTVF 351. Formerly RTVF 351. — 3 credits
- 0101 MW.....3:00pm- 4:30pm (TWS 0147) — Blum, R

RTVF432 Structure and Criticism of Television Advertising; Grade Method: REG/P-F/AUD. Prerequisites: RTVF 317; and (RTVF 321 or RTVF 342). For RTVF majors only. Credit will be granted for only one of the following: RTVF 432 or RTVF 456. Formerly RTVF 456. — 3 credits
- 0101 TuTh.....12:30pm- 1:45pm (TWS 0138) — Robinson, E

RTVF443 Television and Children; Grade Method: REG/P-F/AUD. Prerequisite: RTVF 321 or RTVF 327 or RTVF 342 or RTVF 343. For RTVF majors only. Credit will be granted for only one of the following: RTVF 443 or RTVF 333. Formerly RTVF 333. — 3 credits
- 0101 MWF.....9:00am- 9:50am (TWS 0147) — Parks, S

RTVF450 Radio and Television Station Management; Grade Method: REG/P-F/AUD. Prerequisite: RTVF 342 or RTVF 343. For RTVF majors only. — 3 credits
- 0101 MWF.....11:00am-11:50am (TWS 0147) — Kirkley Jr, D

RTVF462 African American Women Filmmakers; Grade Method: REG/P-F/AUD. CORE Distributive Studies Cultural Diversity Course. Prerequisite: RTVF 321 or RTVF 363 for RTVF majors; or RTVF 314 or ENGL 245 for other majors. — 3 credits
- 0101 TuTh.....3:00pm- 5:00pm (TWS 2154) — Coustaut, C

RTVF464 Contemporary American Cinema; Grade Method: REG/P-F/AUD. Prerequisite: RTVF 321 or RTVF 363 for RTVF majors; or RTVF 314 or ENGL 245 for other majors. Credit will be granted for only one of the following: RTVF 467 or RTVF 414. Formerly RTVF 414. — 3 credits
- 0101 TuTh.....10:00am-12:30pm (TWS 2154) — Robinson, E

RTVF473 International and Comparative Broadcasting Systems; Grade Method: REG/P-F/AUD. Prerequisite: RTVF 327 or RTVF 342. For RTVF majors only. Credit will be granted for only one of the following: RTVF 473 or RTVF 452. Formerly RTVF 452. — 3 credits
- 0101 MWF.....1:00pm- 1:50pm (TWS 0154) — Ferguson, M

RTVF499 (PermReq) Independent Study: Independent Study; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

RTVF600 Introduction to Graduate Study in Broadcasting; Grade Method: REG/AUD. — 3 credits
- 0101 M.....6:00pm- 9:00pm (TWS 0154) — Gomery, J

RTVF617 (PermReq) Screenwriting I; Grade Method: REG/AUD. Prerequisite: permission of instructor. — 3 credits
- 0101 MW.....4:30pm- 6:30pm (TWS 0138) — Blum, R

RTVF628S Seminar in Film: First Films: From School to Screen; Grade Method: REG/AUD. — 3 credits
- 0101 Tu.....3:00pm- 6:00pm (TWS 0154) — Weiss, G

RTVF629F Special Problems in Film: Form and Culture in Film and Television; Grade Method: REG/AUD. — 3 credits
- 0101 W.....2:00pm- 4:00pm (TWS 0154) — Kolker, R
  Time and room to be arranged LAB

RTVF662 Seminar in Political Broadcasting; Grade Method: REG/AUD. — 3 credits
- 0101 W.....6:00pm- 8:00pm (TWS 0154) — Ferguson, M
  Time and room to be arranged DIS

RTVF699 (PermReq) Independent Study; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Warrants must be approved prior to registration. Majors only. — 1-3 credits

RTVF799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

RTVF888 Doctoral Practicum; Grade Method: REG. — 3-8 credits
- 0101 Time and room to be arranged — Aylward, T
- 0201 Time and room to be arranged — Blum, R
- 0301 Time and room to be arranged — Coustaut, C
- 0401 Time and room to be arranged — Gomery, J
- 0501 Time and room to be arranged — Kirkley Jr, D
- 0601 Time and room to be arranged — Kolker, R
- 0701 Time and room to be arranged — STAFF
- 0801 Time and room to be arranged — Marchetti, G
- 0901 Time and room to be arranged — Parks, S
- 1001 Time and room to be arranged — Robinson, E
- 1201 Time and room to be arranged — STAFF
- 1301 Time and room to be arranged — Weiss, G
- 1401 Time and room to be arranged — STAFF
- 1501 Time and room to be arranged — Ferguson, M

RTVF889 Doctoral Tutorial: Doctoral Tutorial in Radio Television Film; Grade Method: REG. — 3-8 credits
- 0101 Time and room to be arranged — Aylward, T
- 0201 Time and room to be arranged — Blum, R
- 0301 Time and room to be arranged — Coustaut, C
- 0401 Time and room to be arranged — Gomery, J
- 0501 Time and room to be arranged — Kirkley Jr, D
- 0601 Time and room to be arranged — Kolker, R
- 0701 Time and room to be arranged — STAFF
- 0801 Time and room to be arranged — Marchetti, G
- 0901 Time and room to be arranged — Parks, S
- 1001 Time and room to be arranged — Robinson, E
- 1201 Time and room to be arranged — STAFF
- 1301 Time and room to be arranged — Weiss, G
- 1401 Time and room to be arranged — STAFF
- 1501 Time and room to be arranged — Ferguson, M

RTVF899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

RUSS Russian (Arts and Humanities)

RUSS101 Elementary Russian I; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Not open to native speakers of Russian. Course chairman: C. Martin. — 5 credits
- 0101 TuTh.....10:00am-10:50am (JMZ 1122) — STAFF
  MWF.....10:00am-10:50am (JMZ 2206)
  M.....12:00pm-12:50pm (JMZ 0105)
- 0201 MWF.....11:00am-11:50am (JMZ 2107) — STAFF
  TuTh.....11:00am-11:50am (JMZ 2125)
  M.....12:00pm-12:50pm (JMZ 0105)
- 0301 MTuWThF...12:00pm-12:50pm (ARM 0101) — STAFF
  M.....10:00am-10:50am (ARM 0101)
- 0401 MTuWThF....1:00pm- 1:50pm (JMZ 1122) — STAFF
  M.....12:00pm-12:50pm (JMZ 0105)

RUSS201 Intermediate Russian I; Grade Method: REG/P-F/AUD. Prerequisite: RUSS 102. Not open to native speakers of Russian. — 4 credits
- 0101 MTuWThF...10:00am-10:50am (ARM 0105) — STAFF
- 0201 MWF.....1:00pm- 1:50pm (JMZ 0120) — STAFF
  Tu.....1:00pm- 1:50pm (JMZ 0122)
  Th.....1:00pm- 1:50pm (JMZ 1117)

RUSS281 Russian Language and Pre-Revolutionary Culture; Grade Method: REG/P-F/AUD. CORE Distributive Studies Humanities Course. USP Distributive Studies Area A Course. Not open to native speakers of Russian. — 3 credits
- 0101 TuTh.....2:00pm- 3:15pm (JMZ 3205) — Berry, T

RUSS301 Advanced Russian Grammar and Composition I; Grade Method: REG/AUD. Prerequisite: RUSS 202 or equivalent. — 3 credits
- 0101 TuTh.....11:00am-12:15pm (JMZ 1103) — Lekic, M

RUSS303 Russian Conversation: Functional Skills; Grade Method: REG/P-F/AUD. Prerequisite: RUSS 202 or equivalent. — 3 credits
- 0101 MWF.....9:00am- 9:50am (JMZ 3207) — STAFF

RUSS321 Survey of Russian Literature I; Grade Method: REG/P-F/AUD. Prerequisite: RUSS 202 or equivalent. Course will be taught in Russian. — 3 credits
- 0101 MWF.....12:00pm-12:50pm (JMZ 3207) — Martin, C

RUSS328A 19th Century Russian Literature in Translation: From Pushkin to Dostoevsky; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C Course. — 3 credits
- 0101 TuTh.....9:30am-10:45am (JMZ 2206) — Lekic, M

RUSS382 Russian Civilization (in Russian) II; Grade Method: REG/P-F/AUD. Prerequisite: RUSS 202. — 3 credits
- 0101 MWF.....2:00pm- 2:50pm (JMZ 1122) — Hitchcock, D

RUSS401 Advanced Russian Composition; Grade Method: REG/P-F/AUD. Prerequisite: RUSS 302. — 3 credits
- 0101 MWF.....11:00am-11:50am (JMZ 3207) — Hitchcock, D

RUSS403 Russian Conversation: Advanced Skills; Grade Method: REG/P-F/AUD. Prerequisite: RUSS 303 or equivalent. — 3 credits
- 0101 TuTh.....11:00am-12:15pm (JMZ 3203) — STAFF

RUSS411 Linguistic Analysis of Russian I; Grade Method: REG/P-F/AUD. Prerequisites: RUSS 210; and LING 200. Pre- or corequisite: RUSS 301. — 3 credits
- 0101 TuTh.....12:30pm- 1:45pm (JMZ 3207) — STAFF

RUSS431 Russian Literature of the 19th Century I; Grade Method: REG/P-F/AUD. — 3 credits
- 0101 TuTh.....3:30pm- 4:45pm (JMZ 3207) — STAFF

RUSS610 Proseminar in Russian Linguistic Analysis; Grade Method: REG/AUD. Prerequisite: RUSS 412 or permission of department. — 3 credits
- 0101 Time and room to be arranged — Brecht, R

RUSS611 Problems in Russian Phonology and Morphology; Grade Method: REG/AUD. Prerequisite: RUSS 411 or permission of department. Corequisite: RUSS 610. — 3 credits
- 0101 Time and room to be arranged — STAFF

RUSS798 Independent Study; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

RUSS799 Thesis Research; Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

SLAV Slavic (Arts and Humanities)

SLAV499 Directed Study; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

SOCY Sociology (Behavior & Social Sci)

SOCY100 Introduction to Sociology; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D Course. Prerequisite for other sociology courses. Section 0301 is taught through film and literature. 3 credits

0101	MWF.....9:00am- 9:50am (ARC 1105)		Rankin, B
0201	TuTh.....11:00am-11:50am (ARC 0204)		Lengermann, J
	Tu.....8:00am- 8:50am (ARC 1101)	LAB	
0202	TuTh.....11:00am-11:50am (ARC 0204)		Lengermann, J
	Tu.....9:00am- 9:50am (ASY 3219)	LAB	
0203	TuTh.....11:00am-11:50am (ARC 0204)		Lengermann, J
	Tu.....12:00pm-12:50pm (ASY 3217)	LAB	
0204	TuTh.....11:00am-11:50am (ARC 0204)		Lengermann, J
	Tu.....1:00pm- 1:50pm (ASY 3217)	LAB	
0205	TuTh.....11:00am-11:50am (ARC 0204)		Lengermann, J
	Tu.....2:00pm- 2:50pm (ASY 3219)	LAB	
0206	TuTh.....11:00am-11:50am (ARC 0204)		Lengermann, J
	Tu.....3:00pm- 3:50pm (ASY 3219)	LAB	
0301	TuTh.....12:30pm- 1:45pm (ASY 1213)		Hirzel, R
0401	TuTh.....12:30pm- 1:45pm (ASY 2309)		Hunt, L
0501	MWF.....11:00am-11:50am (ASY 1213)		LeMoyne, T
0601	MWF.....10:00am-10:50am (ASY 1213)		Durand, D

SOCY105 Introduction to Contemporary Social Problems; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D Course. 3 credits

0101	MWF.....11:00am-11:50am (ASY 3211)	Hunt, J
0201	MWF.....12:00pm-12:50pm (ASY 3203)	Zamani-Moghadam
0301	TuTh.....2:00pm- 3:15pm (ASY 1213)	Santa-Barbara,
0401	MWF.....1:00pm- 1:50pm (ASY 3207)	Gindoff, P
0501	MWF.....10:00am-10:50am (ASY 3207)	Finsterbusch, K

SOCY201 Introductory Statistics for Sociology; Grade Method: REG/P-F/AUD. USP Distributive Studies Area B Course. Prerequisite: SOCY 100 and MATH 111 or equivalent. Not open to students who have completed BMGT 231, ENEE 324, or STAT 400. Credit will be granted for only one of the following: AREC 484, BIOM 301, BMGT 230, CMEC 400, ECON 321, EDMS 451, GEOG 305, GVPT 422, PSYC 200, SOCY 201, URBS 350, or TEXT 400. Required for majors. 4 credits

0101	TuTh.....11:00am-12:15pm (ASY 2309)		Neustadtl, A
	M.....8:00am-10:00am (ASY 3217)	LAB	
0102	TuTh.....11:00am-12:15pm (ASY 2309)		Neustadtl, A
	M.....10:00am-12:00pm (ASY 3217)	LAB	
0103	TuTh.....11:00am-12:15pm (ASY 2309)		Neustadtl, A
	M.....12:00pm- 2:00pm (ASY 3217)	LAB	
0104	TuTh.....11:00am-12:15pm (ASY 2309)		Neustadtl, A
	M.....2:00pm- 4:00pm (ASY 3217)	LAB	
0105	TuTh.....11:00am-12:15pm (ASY 2309)		Neustadtl, A
	M.....4:00pm- 6:00pm (ASY 3217)	LAB	
0201	MWF.....11:00am-11:50am (ASY 2309)		Segal, M
	Tu.....8:00am-10:00am (ASY 3217)	LAB	
0202	MWF.....11:00am-11:50am (ASY 2309)		Segal, M
	Tu.....10:00am-12:00pm (ASY 3217)	LAB	
0203	MWF.....11:00am-11:50am (ASY 2309)		Segal, M
	Tu.....2:00pm- 4:00pm (ASY 3217)	LAB	
0204	MWF.....11:00am-11:50am (ASY 2309)		Segal, M
	Tu.....8:00am-10:00am (ASY 3221)	LAB	
0205	MWF.....11:00am-11:50am (ASY 2309)		Segal, M
	Tu.....10:00am-12:00pm (ASY 3221)	LAB	

SOCY202 Introduction to Research Methods in Sociology; Grade Method: REG/P-F/AUD. Prerequisite: SOCY 201. To be taken immediately after SOCY 201. Required for majors. 4 credits

0101	MWF.....9:00am- 9:50am (ASY 3203)		Harper, G
	F.....10:00am-12:00pm (ASY 3217)	LAB	
0102	MWF.....9:00am- 9:50am (ASY 3203)		Harper, G
	Th.....4:00pm- 6:00pm (ASY 3217)	LAB	
0103	MWF.....9:00am- 9:50am (ASY 3203)		Harper, G
	F.....2:00pm- 4:00pm (ASY 3217)	LAB	
0201	TuTh.....9:30am-10:45am (ASY 3207)		Henkel, R
	Th.....11:00am- 1:00pm (ASY 3217)	LAB	
0202	TuTh.....9:30am-10:45am (ASY 3207)		Henkel, R
	Th.....2:00pm- 4:00pm (ASY 3217)	LAB	
0203	TuTh.....9:30am-10:45am (ASY 3207)		Henkel, R
	Th.....4:00pm- 6:00pm (ASY 3221)	LAB	

SOCY203 Sociological Theory; Grade Method: REG/P-F/AUD. Prerequisite: SOCY 100. Required for sociology majors. 3 credits

0101	MW.....3:00pm- 4:15pm (ASY 1213)	Ritzer, G

SOCY227 Introduction to the Study of Deviance; Grade Method: REG/P-F/AUD. USP Distributive Studies Area D Course. Credit will be granted for only one of the following: SOCY 227 or SOCY 327. Formerly SOCY 327. 3 credits

0101	MWF.....10:00am-10:50am (ASY 3203)	Baxter, S
0201	MWF.....12:00pm-12:50pm (ASY 3207)	Baxter, S

SOCY230 Sociological Social Psychology; Grade Method: REG/P-F/AUD. USP Distributive Studies Area D Course. Relationship of groups to individual behavior; interpersonal processes. 3 credits

0101	TuTh.....11:00am-12:15pm (COL 3109)	Lehman, A
0201	MWF.....2:00pm- 2:50pm (ASY 3207)	Sullivan, R

SOCY241 Inequality in American Society; Grade Method: REG/P-F/AUD. CORE Distributive Studies Cultural Diversity Course. Credit will be granted for only one of the following: SOCY 241 or SOCY 341. Formerly SOCY 341. 3 credits

0101	TuTh.....12:30pm- 1:45pm (ASY 3207)	Pease

SOCY243 Sociology of Marriage and Family; Grade Method: REG/P-F/AUD. Credit will be granted for only one of the following: SOCY 243 or SOCY 343. Formerly SOCY 343. 3 credits

0101	TuTh.....12:30pm- 1:45pm (ASY 3203)	Kahn, J

SOCY300 American Society; Grade Method: REG/P-F/AUD. USP Distributive Studies Area D Course. 3 credits

0101	TuTh.....11:00am-12:15pm (ASY 3203)	Vanneman, R
0201	TuTh.....9:30am-10:45am (ASY 3203)	Hunt, L

SOCY305 Scarcity and Modern Society; Grade Method: REG/P-F/AUD. CORE Advanced Studies Social and Ethical Problems Course. USP Advanced Studies Analysis of Human Problems Course. Prerequisite: 3 credits of sociology. 3 credits

0101	MWF.....2:00pm- 2:50pm (ASY 3203)	Finsterbusch, K

SOCY312 Family Demography; Grade Method: REG/P-F/AUD. Prerequisite: 3 credits of sociology. 3 credits

0101	TuTh.....9:30am-10:45am (ARC 1103)	Kahn, J

SOCY325 The Sociology of Gender; Grade Method: REG/AUD. CORE Distributive Studies Cultural Diversity Course. USP Advanced Studies Analysis of Human Problems Course. Prerequisite: 3 credits of sociology. 3 credits

0101	MWF.....9:00am- 9:50am (ASY 1213)	Hunt, J
0201	TuTh.....2:00pm- 3:15pm (ASY 3207)	Malhotra, A
0301	TuTh.....3:30pm- 4:45pm (ASY 2309)	McIntyre, J

SOCY386 (PermReq) Field Work; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: SOCY 387. To register, students must have departmental permission form signed by instructor and by Coordinator of Sociology Undergrad Program. 1-3 credits

SOCY387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: SOCY 386. To register, student must have departmental permission form signed by instructor and by Coordinator of Sociology Undergrad Program. 1-3 credits

SOCY398C Special Topics in Sociology: Introduction to Computer for Social Science Majors; Grade Method: REG/AUD. 1 credit

0101	W.....3:00pm- 4:30pm (ASY 1116)	Teachman, J
0201	Tu.....3:30pm- 4:30pm (ASY 1116)	Teachman, J

SOCY399 (PermReq) Independent Study in Sociology; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. No more than 6 hours of 399 is allowed for credit. 1-6 credits

SOCY401 Intermediate Statistics for Sociologists; Grade Method: REG/P-F/AUD. Prerequisite: SOCY 201 or equivalent or permission of department. Not open to students who have completed ENEE 324, BMGT 231, or STAT 400. 3 credits

0101	TuTh.....2:00pm- 3:15pm (ASY 3221)	Henkel, R

SOCY403 Intermediate Sociological Theory; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course. Prerequisite: SOCY 203 or permission of department. 3 credits

0101	MWF.....11:00am-11:50am (ASY 3219)	Meeker, B

SOCY410 Social Demography; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. Prerequisite: 6 credits of sociology or permission of department. 3 credits

0101	TuTh.....2:00pm- 3:15pm (ASY 3203)	Kammeyer, K

SOCY427 Deviant Behavior; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. Prerequisite: 6 credits of sociology or permission of department. 3 credits

0101	TuTh.....11:00am-12:15pm (ASY 2203)	McIntyre, J

SOCY430 Sociology of Personality; Grade Method: REG/P-F/AUD. Prerequisite: 6 credits of sociology or permission of department. 3 credits

0101	MWF.....11:00am-11:50am (ASY 3207)	Hamilton, L

SOCY441 Social Stratification and Inequality; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. Prerequisite: 6 credits of sociology or permission of department. 56 semester hours. Junior standing. Credit will be granted for only one of the following: SOCY 241 or SOCY 441. 3 credits

0101	TuTh.....3:30pm- 4:45pm (ASY 3207)	Pease, J
0201	TuTh.....11:00am-12:15pm (ASY 1213)	Landry, L

SOCY443 The Family and Society; Grade Method: REG/P-F/AUD. Prerequisite: 6 credits of sociology or permission of department. 3 credits

0101	MWF.....1:00pm- 1:50pm (ASY 3203)	Harper, G

SOCY464 Military Sociology; Grade Method: REG/P-F/AUD. CORE Advanced Studies Social and Ethical Problems Course. USP Advanced Studies Analysis of Human Problems Course. Prerequisite: 6 credits of sociology or permission of department. 3 credits

0101	MWF.....9:00am- 9:50am (ASY 3221)	Segal, M

SOCY465 The Sociology of War; Grade Method: REG/P-F/AUD. CORE Advanced Studies Social and Ethical Problems Course. Prerequisite: 6 credits of sociology or permission of department. 3 credits

0101	TuTh.....11:00am-12:15pm (ASY 3207)	Segal, D

SOCY474 Soviet Ethnic Issues; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. Prerequisite: 6 credits of sociology or permission of department. 3 credits

0101	W.....3:00pm- 6:00pm (ASY 3221)	Robinson, J

SOCY601 Multivariate Statistics; Grade Method: REG/AUD. Prerequisite: SOCY 401 or equivalent. 3 credits

0101	Tu.....6:30pm- 9:10pm (ASY 1117)	Neustadtl, A

SOCY604 Survey Research Methods; Grade Method: REG/AUD. Prerequisite: SOCY 602 or equivalent or permission of department. 3 credits

0101	Tu.....3:30pm- 6:10pm (ASY 4111)	Presser, S

SOCY605 Methods of Program Evaluation; Grade Method: REG/AUD. Prerequisite: SOCY 202 or equivalent or permission of instructor. 3 credits

0101	Th.....3:30pm- 6:10pm (ASY 1117)	Segal, D

SOCY620 Development of European and American Sociological Theory; Grade Method: REG/AUD. Prerequisite: SOCY 203 or permission of instructor. 3 credits

0101	M.....6:30pm- 9:10pm (ASY 1117)	Ritzer, G

SOCY631 Comparative Sociology; Grade Method: REG/AUD. 3 credits

0101	Th.....6:30pm- 9:10pm (ASY 1117)	Vanneman, R

SOCY641 Family Studies; Grade Method: REG/AUD. 3 credits

0101	W.....6:30pm- 9:10pm (ASY 4111)	Kammeyer, K

SOCY642 The Sociology of Mental Health; Grade Method: REG/AUD. 3 credits

0101	Tu.....3:30pm- 6:10pm (ASY 1117)	Rosenberg, M

SOCY646 Collective Behavior and Social Movements; Grade Method: REG/AUD. 3 credits

0101	Th.....6:30pm- 9:10pm (ASY 4111)	Robinson, J

SOCY647 Interpersonal Behavior and Small Groups; Grade Method: REG/AUD. 3 credits

0101	M.....3:30pm- 6:10pm (ASY 4111)	Meeker, B

SOCY660 Theories of Social Psychology; Grade Method: REG/AUD. Prerequisite: undergraduate training in sociological research methods, statistics, and theory or equivalent. 3 credits

0101	W.....3:30pm- 6:10pm (ASY 4111)	Hamilton, L

SOCY699 Special Social Problems; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

SOCY699C Special Social Problems: Introduction to Computer for Social Science Majors; Grade Method: REG/AUD. 1 credit

0101	W.....3:00pm- 4:30pm (ASY 1116)	Teachman, J
0201	Tu.....3:30pm- 4:30pm (ASY 1116)	Teachman, J

SOCY699G Special Social Problems: Great Books in Political Economy; Grade Method: REG/AUD. 3 credits

0101	M.....3:30pm- 6:10pm (ASY 2115)	Falk, W

SOCY699R Special Social Problems: Great Books in Sociological Theory; Grade Method: REG/AUD. 3 credits

0101	Time and room to be arranged	Ritzer, G

SOCY709 Advanced Special Topics in Data Analysis: Event History Analysis; Grade Method: REG/AUD. 3 credits

0101	Tu.....6:30pm- 9:10pm (ASY 4111)	Teachman, J

SOCY789 Advanced Special Topics in Social Stratification: International Labor Force; Grade Method: REG/AUD. 3 credits

0101	Th.....3:30pm- 6:10pm (ASY 4111)	Landry, L

SOCY799 (PermReq) Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

SOCY819 Research Seminar in Social Psychology; Grade Method: REG/AUD. 1 credit

0101	Time and room to be arranged	Rosenberg, M

SOCY829 Research Seminar in Sociological Theory; Grade Method: REG/AUD. 1 credit

0101	Time and room to be arranged	Ritzer, G

SOCY839 Research Seminar in Organizations and Occupations; Grade Method: REG/AUD. 1 credit

0101	Time and room to be arranged	Hage, J

SOCY849 Research Seminar in Demography; Grade Method: REG/AUD. 1 credit

0101	Time and room to be arranged	Presser, H

SOCY858 Research Seminar in Sex Roles; Grade Method: REG/AUD. 1 credit

0101	Time and room to be arranged	Hunt, J

SOCY859 Research Seminar in Sociology of the Family; Grade Method: REG/AUD. 1 credit

0101	Time and room to be arranged	Kammeyer, K

SOCY869 Research Seminar in Military Sociology; Grade Method: REG/AUD. 1 credit

0101	Time and room to be arranged	Segal, M

SOCY889 Research Seminar in Social Stratification; Grade Method: REG/AUD. 1 credit

0101	Time and room to be arranged	Landry, L

SOCY899 (PermReq) Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

SPAN Spanish (Arts and Humanities)

Electronic laboratory for SPAN 101, SPAN 102, SPAN 103, SPAN 203 will be scheduled after classes start.

SPAN101 Elementary Spanish; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Prerequisite: No previous Spanish; high school level 1 Spanish with grade of A or B; high school level 2 Spanish with a grade of C or below. Not open to native/fluent speakers of Spanish. Recommended for students without previous experience or who have completed Level 1 with a grade of A or B or Level 2 with a grade of C or below in high school. Exceptions will be granted for students with 5 years lapse in study. Students must present high school transcript on the first day of class to assure proper placement. For advising assistance, come to JMZ 2202. 4 credits

0101	MTuWF.....8:00am- 8:50am (JMZ 2207)		STAFF
0201	MTuWF.....9:00am- 9:50am (JMZ 2207)		STAFF
0301	MTuWF.....10:00am-10:50am (JMZ 2207)		STAFF
0401	MTuWF.....10:00am-10:50am (JMZ 1117)		STAFF
0501	MTuWF.....11:00am-11:50am (JMZ 2207)		STAFF
0601	MTuWF.....12:00pm-12:50pm (JMZ 2207)		STAFF
0701	MTuWF.....1:00pm- 1:50pm (JMZ 2207)		STAFF
0801	MTuWF.....2:00pm- 2:50pm (JMZ 2207)		STAFF
0901	MTuWF.....3:00pm- 3:50pm (JMZ 1226)		STAFF
1001	MWF.....11:00am-11:50am (COL 0100)		STAFF
	Tu.....11:00am-11:50am (JMZ 1117)		

SPAN102 Elementary Spanish; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Prerequisite: SPAN 101 at UMCP or equivalent. Not open to native/fluent speakers of Spanish. Recommended for students who have completed Level 2 with a grade of A or B in high school or SPAN 101 at UMCP, or the first semester of college Spanish at another institution. Students must present college and/or high school transcripts on the first day of class to assure proper placement. Exceptions must be approved in advance by the departmental advisor, in JMZ 2202. 4 credits

0101	MWThF.....9:00am- 9:50am (JMZ 1224)		STAFF
0201	MWF.....10:00am-10:50am (JMZ 1226)		STAFF
	Th.....10:00am-10:50am (JMZ 2207)		
0301	MWThF.....11:00am-11:50am (JMZ 1224)		STAFF
0401	MWThF.....12:00pm-12:50pm (JMZ 1224)		STAFF
0501	MWThF.....1:00pm- 1:50pm (JMZ 1224)		STAFF
0601	MWF.....2:00pm- 2:50pm (JMZ 1224)		STAFF
	Th.....2:00pm- 2:50pm (JMZ 1226)		

SPAN103 Review of Elementary Spanish; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Not open to students who have completed higher level Spanish language classes. Recommended for students who have completed Level 2 with a grade of A or B, or Level 3 with a grade of C or below in high school, or the first semester of college Spanish at another institution. Limited exceptions may be granted for students with weak preparations or several years lapse since study in high school. Students must present high school and/or college transcripts on the first day of class to assure proper placement. Exceptions must be approved in advance by the departmental advisor, in JMZ 2202. 4 credits

0201	MWF.....9:00am- 9:50am (JMZ 1103)		STAFF
	Tu.....9:00am- 9:50am (JMZ 0208)		
0301	MWF.....10:00am-10:50am (JMZ 1103)		STAFF
	Tu.....10:00am-10:50am (JMZ 0208)		
0401	MWF.....11:00am-11:50am (JMZ 1103)		STAFF
	Tu.....11:00am-11:50am (JMZ 0208)		
0501	MWF.....12:00pm-12:50pm (JMZ 1103)		STAFF
	Tu.....12:00pm-12:50pm (JMZ 0208)		
0601	MWF.....1:00pm- 1:50pm (JMZ 1103)		STAFF
	Tu.....1:00pm- 1:50pm (JMZ 1117)		
0701	MTuWF.....2:00pm- 2:50pm (JMZ 1226)		STAFF

SPAN203 Intermediate Spanish; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Recommended for students who have completed Level 3 with a grade of A or B, or Level 4 with a grade of C or below in high school, or the first and second semester of college Spanish. Students must present their high school and/or college transcripts on the first day of class in order to assure proper placement. Exceptions must be approved in advance by the departmental advisor, in JMZ 2202. 4 credits

0101	MWThF.....8:00am- 8:50am (JMZ 0208)		STAFF
0201	MWThF.....9:00am- 9:50am (JMZ 0208)		STAFF
0301	MWThF.....10:00am-10:50am (JMZ 0208)		STAFF
0401	MWF.....10:00am-10:50am (ASY 3215)		STAFF
	Th.....10:00am-10:50am (JMZ 1224)		
0501	MWThF.....11:00am-11:50am (JMZ 0208)		STAFF
0601	MWF.....11:00am-11:50am (JMZ 1226)		STAFF
	Th.....11:00am-11:50am (JMZ 1117)		
0701	MWThF.....12:00pm-12:50pm (JMZ 0208)		STAFF
0801	MWThF.....1:00pm- 1:50pm (JMZ 0208)		STAFF
0901	MWF.....1:00pm- 1:50pm (JMZ 1215)		STAFF
	Th.....1:00pm- 1:50pm (JMZ 0122)		
1001	MWF.....2:00pm- 2:50pm (JMZ 0118)		STAFF
	Th.....2:00pm- 2:50pm (JMZ 0118)		
1101	MWF.....3:00pm- 3:50pm (JMZ 1224)		STAFF
	Th.....3:00pm- 3:50pm (JMZ 1103)		

SPAN204 Review of Oral and Written Spanish; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Prerequisite: SPAN 203. May be taken concurrently with SPAN 221 or SPAN 205. Recommended for students who have completed SPAN 203 at UMCP or third semester college Spanish at another institution, or Level 4 or higher with a grade of A or B in high school. Students must present their high school and/or college transcripts on the first day of class in order to assure proper placement. May be taken with SPAN 205 and/or SPAN 221. 3 credits

0101	MWF.....10:00am-10:50am (JMZ 1224)		Little, K
0201	MWF.....11:00am-11:50am (JMZ 1215)		Little, K
0301	MWF.....12:00pm-12:50pm (JMZ 1117)		STAFF
0401	MWF.....1:00pm- 1:50pm (JMZ 1117)		STAFF

SPAN205 Intermediate Conversation; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Prerequisite: SPAN 203 or SPAN 203H or permission of department. Not open to native speakers. May be taken concurrently with SPAN 204 and 221. 3 credits

0101	MWF.....9:00am- 9:50am (JMZ 1215)		STAFF
0201	MWF.....10:00am-10:50am (JMZ 1109)		STAFF
0301	MWF.....11:00am-11:50am (JMZ 1104)		STAFF

SPAN206 Review of Oral and Written Spanish for Native Speakers Educated in the U.S.; Grade Method: REG/P-F/AUD. Prerequisite: native or near native knowledge of oral Spanish and no formal education in Spanish. 3 credits

0101	MWF.....1:00pm- 1:50pm (JMZ 0118)		STAFF

SPAN221 Readings in Spanish; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C Course. Prerequisite: Spanish high school level 5 or above or 3 credits

SPAN 202 or permission of department. May be taken with SPAN 204 and/or 205.
0101 TuTh.....9:30am-10:45am (JMZ 1120) STAFF
0201 TuTh.....11:00am-12:15pm (JMZ 1120) STAFF

SPAN224 Violence and Resistance in the Americas; Grade Method: REG. CORE Distributive Studies Literature Course. CORE Distributive Studies Cultural Diversity Course. USP Distributive Studies Area C Course. 3 credits
0110 TuTh.....11:00am-12:15pm (JMZ 2102) Rabasa, J

SPAN301 Review Grammar and Composition; Grade Method: REG/P-F/AUD. Prerequisite: SPAN 202. Recommended: SPAN 207. 3 credits
0101 MWF.....12:00pm-12:50pm (JMZ 1104) STAFF
0201 MWF.....1:00pm- 1:50pm (JMZ 2117) STAFF
0301 MWF.....2:00pm- 2:50pm (JMZ 1117) STAFF
0401 MWF.....11:00am-11:50am (KEY 0121) STAFF

SPAN302 Review Grammar and Composition; Grade Method: REG/P-F/AUD Prerequisite: SPAN 301. 3 credits
0101 MWF.....1:00pm- 1:50pm (COL 0100) Downey-Vanover,
0201 MWF.....12:00pm-12:50pm (JMZ 3118) Lavine, R

SPAN310 Spanish Phonetics; Grade Method: REG/P-F/AUD. Prerequisite: SPAN 202 or permission of department. 3 credits
0101 MWF.....11:00am-11:50am (JMZ 0202) Downey-Vanover,

SPAN311 Advanced Conversation I; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Prerequisite: SPAN 202 or SPAN 211 or permission of department. Not open to native/fluent speakers of Spanish. Course chair: staff. 3 credits
0101 MWF.....10:00am-10:50am (JMZ 2102) STAFF
0201 MWF.....11:00am-11:50am (JMZ 1120) STAFF
0301 MWF.....12:00pm-12:50pm (JMZ 2102) STAFF

SPAN316 Practicum in Translation I; Grade Method: REG/P-F/AUD. Prerequisite: SPAN 301 and permission of department. 3 credits
0101 MWF.....11:00am-11:50am (JMZ 1117) Russell-Pineda,

SPAN321 Survey of Spanish Literature: 12th-17th Century; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C Course. Prerequisite: SPAN 207 or permission of department. 3 credits
0101 MWF.....10:00am-10:50am (JMZ 1120) STAFF

SPAN323 Survey of Spanish-American Literature I; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C Course. Prerequisite: SPAN 207 or permission of department. 3 credits
0101 MWF.....12:00pm-12:50pm (JMZ 1215) Javier, S
0201 TuTh.....11:00am-12:15pm (JMZ 1215) STAFF

SPAN325 Spanish Civilization I; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Prerequisite: SPAN 207 or permission of department. 3 credits
0101 TuTh.....12:30pm- 1:45pm (JMZ 1120) Naharro-Caldero

SPAN346 Latin American Civilization I; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Prerequisite: SPAN 207 or permission of department. 3 credits
0101 MWF.....1:00pm- 1:50pm (JMZ 2206) Aguilar-Mora, J

SPAN357 Practicum in Translation IV; Grade Method: REG/P-F/AUD. Prerequisite: SPAN 356 or permission of department. 3 credits
0101 MWF.....10:00am-10:50am (JMZ 0202) Russell-Pineda,

SPAN386 (PermReq) Field Work; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: SPAN 387. 1-3 credits

SPAN387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: SPAN 386. 1-3 credits

SPAN399 Independent Study in Spanish; Grade (PermReq) Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Previous permission by the instructor is required for enrollment in this course. 1-3 credits

SPAN401 Advanced Composition; Grade Method: REG/P-F/AUD. Prerequisite: SPAN 302 or permission of department. 3 credits
0101 MWF.....11:00am-11:50am (JMZ 1123) STAFF

SPAN408 Great Themes of the Hispanic Literatures. Modernismoy Modernidad; Grade Method: REG/P-F/AUD. Designed for advanced undergraduates and first year master's students. 3 credits
0101 TuTh.....9:30am-10:45am (JMZ 1215) Nemes, G

SPAN408A Great Themes of the Hispanic Literatures: Caribbean Topics; Grade Method: REG/P-F/AUD. 3 credits
0101 MWF.....11:00am-11:50am (COL 0102) Phaf, W

SPAN409 Great Themes of the Hispanic Literatures: Introduccion a la Literatura Colonial; Grade Method: REG/P-F/AUD. 3 credits
0101 TuTh.....2:00pm- 3:15pm (JMZ 1211) STAFF

SPAN409A Great Themes of the Hispanic Literatures: El amor en la Clerecia y la Caballeria; Grade Method: REG/P-F/AUD. 3 credits
0101 Tu.....2:00pm- 4:00pm (JMZ 1104) Benito-Vessels,

SPAN411 Literature of the Middle Ages; Grade Method: REG/P-F/AUD. 3 credits
0101 Th.....10:00am-12:00pm (JMZ 1104) Benito-Vessels,

SPAN415 Commercial Spanish; Grade Method: REG/P-F/AUD. Prerequisite: SPAN 315 or permission of department. Sophomore standing. 3 credits
0101 TuTh.....9:30am-10:45am (JMZ 2120) Cortes, D

SPAN492H Honors Reading Course: Novel; Grade Method: REG/AUD 3 credits
0101 Tu.....2:00pm- 4:30pm (HBK 0108) Phaf, W

SPAN496H Honors Seminar; Grade Method: REG/P-F/AUD. Prerequisite: Open to honors students only; permission of department. Required of all students in the honors program. Other students will be admitted on special recommendation. In English. 3 credits
0101 Th.....2:00pm- 4:30pm (JMZ 2125) Javier, S

SPAN605 Teaching Spanish I; Grade Method: REG. Prerequisite: permission of department. Required for Spanish teaching assistants. 1 credit
0101 M.....2:00pm- 2:50pm (JMZ 0122) Lavine, R

SPAN629 Seminar: the Golden Age in Spanish Literature: El Quijote; Grade Method: REG/AUD. 3 credits
0101 Th.....1:00pm- 4:00pm (JMZ 2120) Gerli, M

SPAN699 (PermReq) Independent Study in Spanish; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

SPAN728 The Twentieth Century: Poesia del Siglo 20; Grade Method: REG/AUD. 3 credits
0101 Tu.....4:30pm- 7:00pm (JMZ 1226) Naharro-Caldero

SPAN798 Open Seminar: Workshop in Essay and Research Writing; Grade Method: REG/AUD. Mandatory to incoming graduate students. Section 0101 for native Spanish speakers only. 3 credits
0101 Th.....4:30pm- 7:00pm (JMZ 1215) Pacheco, J
0201 F.....4:30pm- 7:00pm (JMZ 1119) Pacheco, J

SPAN798A Open Seminar: Critica literaria; Grade Method: REG/AUD. 3 credits
0101 M.....4:30pm- 7:00pm (JMZ 1103) Aguilar-Mora, J

SPAN799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: coniact department or instructor to obtain section number. 1-6 credits

SPAN819 National Spanish American Literature: Los Comienzos del Cuento Hispanoamericano; Grade Method: REG/AUD. 3 credits
0101 W.....4:30pm- 7:00pm (JMZ 0208) Pacheco, J

SPAN898 Open Seminar: Ethia y Literatura Latinoamericana; Grade Method: REG/AUD. 3 credits
0101 Th.....4:30pm- 7:00pm (JMZ 0208) Sosnowski, S

SPAN899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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SPCH Speech (Arts and Humanities)

SPCH107 Technical Speech Communication; Grade Method: REG/P-F/AUD. Credit will be granted for only one of the following: SPCH 100 or SPCH 107. Course chairperson: Wolvin. Attendance on the first day of classes is mandatory. 3 credits
0101 MWF.....8:00am- 8:50am (TWS 1202) STAFF
0201 MWF.....8:00am- 8:50am (TWS 2212) STAFF
0301 MWF.....9:00am- 9:50am (TWS 1202) STAFF
0401 MWF.....9:00am- 9:50am (TWS 2228) STAFF
0501 MWF.....9:00am- 9:50am (TWS 0135) STAFF
0601 MWF.....10:00am-10:50am (TWS 1204) STAFF
0701 MWF.....10:00am-10:50am (TWS 1202) STAFF
0801 MWF.....10:00am-10:50am (TWS 0135) STAFF
1001 MWF.....11:00am-11:50am (TWS 1204) STAFF
1101 MWF.....11:00am-11:50am (TWS 1202) STAFF
1201 MWF.....11:00am-11:50am (TWS 2212) STAFF
2001 MWF.....1:00pm- 1:50pm (TWS 2212) STAFF
2101 MWF.....1:00pm- 1:50pm (TWS 2228) STAFF
2201 MWF.....2:00pm- 2:50pm (COL 3110) STAFF
2501 TuTh.....8:00am- 9:15am (TWS 1204) STAFF
2601 TuTh.....9:30am-10:45am (TWS 0138) STAFF
2701 TuTh.....9:30am-10:45am (TWS 1202) STAFF
2801 TuTh.....11:00am-12:15pm (TWS 2212) STAFF
2901 TuTh.....11:00am-12:15pm (ARC 1125) STAFF
3001 TuTh.....11:00am-12:15pm (TWS 2230) STAFF
3101 TuTh.....12:30pm- 1:45pm (TWS 2230) STAFF
3201 TuTh.....12:30pm- 1:45pm (TWS 1202) STAFF
3301 TuTh.....12:30pm- 1:45pm (TWS 2212) STAFF
3401 TuTh.....2:00pm- 3:15pm (TWS 1204) STAFF
3501 TuTh.....8:00am- 9:15am (TWS 0131) STAFF
3601 TuTh.....12:30pm- 1:45pm (TWS 0131) STAFF
3701 TuTh.....2:00pm- 3:15pm (TWS 1202) STAFF
3801 MWF.....11:00am-11:50am (TWS 2228) STAFF
3901 MWF.....1:00pm- 1:50pm (TWS 1202) STAFF

SPCH125 Introduction to Interpersonal Communication; Grade Method: REG/P-F/AUD. Course chairperson: Goldsmith. Attendance on the first day of classes is mandatory. 3 credits
0101 MWF.....9:00am- 9:50am (TWS 2230) STAFF
0201 MWF.....10:00am-10:50am (TWS 2230) STAFF
0701 TuTh.....8:30am-10:45am (TWS 1204) STAFF
0801 TuTh.....11:00am-12:15pm (TWS 1202) STAFF

SPCH200 Advanced Public Speaking; Grade Method: REG/P-F/AUD. Prerequisite: SPCH 100 or SPCH 107 or permission of department. Course Chairperson; McCaleb Open to speech majors only. Attendance on the first day of classes is mandatory. 3 credits
0101 MWF.....9:00am- 9:50am (TWS 2212) STAFF
0201 MWF.....10:00am-10:50am (TWS 2212) STAFF

SPCH220 Small Group Discussion; Grade Method: REG/P-F/AUD. Course Chairperson; Falcione. Attendance on the first day of classes is mandatory. 3 credits
0101 MWF.....8:00am- 8:50am (TWS 2228) STAFF
0201 MWF.....10:00am-10:50am (TWS 2228) STAFF

SPCH230 Argumentation and Debate; Grade Method: REG/P-F/AUD. Course Chairperson; Klumpp. Attendance on the first day of classes is mandatory. 3 credits
0101 TuTh.....8:00am- 9:15am (TWS 2228) STAFF
0201 TuTh.....9:30am-10:45am (TWS 2228) STAFF
0301 TuTh.....2:00pm- 3:15pm (TWS 2228) STAFF
0401 TuTh.....3:30pm- 4:45pm (TWS 2228) STAFF

SPCH250 Introduction to Speech Communication Inquiry; Grade Method: REG/P-F/AUD. 3 credits
0101 TuTh.....4:15pm- 5:30pm (ASY 1213) Falcione, R

SPCH360 The Rhetoric of Black America; Grade Method: REG/P-F/AUD. Attendance on the first day of classes is mandatory. 3 credits
0101 W.....7:00pm- 9:45pm (ASY 2309) Niles, L
0201 MW.....2:00pm- 3:15pm (COL 3111) Shaw, L

SPCH400 Research Methods in Speech Communication; Grade Method: REG/P-F/AUD. Prerequisites: SPCH 250 and an introductory course in statistics. Attendance on the first day of classes is mandatory. 3 credits
0101 TuTh.....2:00pm- 3:15pm (COL 3109) Edgar, T

SPCH401 Foundations of Rhetoric; Grade Method: REG/P-F/AUD. Prerequisite: SPCH 250. Attendance on the first day of classes is mandatory. 3 credits
0101 MW.....1:00pm- 2:15pm (COL 3109) McCaleb, J

SPCH402 Communication Theory and Process; Grade Method: REG/P-F/AUD. Recommended: SPCH 250. Attendance on the first day of classes is mandatory. 3 credits
0101 TuTh.....11:00am-12:15pm (HJP 2242) Goldsmith, D

SPCH424 Communication in Complex Organizations; Grade Method: REG/P-F/AUD. Prerequisite: SPCH 400 or permission of department. Attendance on the first day of classes is mandatory. 3 credits
0101 TuTh.....5:45pm- 7:00pm (TWS 0147) Falcione, R

SPCH450 Classical and Medieval Rhetorical Theory; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course. Prerequisite: SPCH 401 or permission of department. Attendance on the first day of classes is mandatory. 3 credits
0101 MW.....4:30pm- 5:45pm (TWS 0147) Gaines, R

SPCH455 Speechwriting; Grade Method: REG/P-F/AUD. Prerequisite: SPCH 401 or permission of department. 3 credits
0101 TuTh.....12:30pm- 1:45pm (TWS 0147) Wolvin, A

SPCH471 Public Communication Campaigns; Grade Method: REG/P-F/AUD. Prerequisite: SPCH 200 or permission of department. 3 credits
0101 MW.....2:30pm- 3:45pm (TWS 2212) Freimuth, V

SPCH482 Intercultural Communication; Grade Method: REG/P-F/AUD. Prerequisite: SPCH 400 or permission of department. 3 credits
0101 MW.....10:30am-11:45am (ARC 1103) Shaw, L

SPCH489 (PermReq) Topical Research: Speech Communication Workshop; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

SPCH498 (PermReq) Seminar; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 3 credits

SPCH600 Empirical Research in Speech Communication; Grade Method: REG/AUD. 3 credits
0101 M.....4:00pm- 6:45pm (TWS 2228) Fink, E

SPCH652 Contemporary Rhetorical Theory; Grade Method: REG/AUD. 3 credits
0101 M.....7:00pm- 9:45pm (TWS 2228) Klumpp, J

SPCH655 Seminar in Speechwriting; Grade Method: REG/AUD. 3 credits
0101 TuTh.....12:30pm- 1:45pm (TWS 0147) Wolvin, A

SPCH688 (PermReq) Speech Communication Field Experience; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

SPCH698 Special Problems in Speech Communication; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 3 credits

SPCH698R Special Problems in Speech Communication: Health and the Mass Media; Grade Method: REG/AUD. 3 credits
0101 W.....4:00pm- 6:45pm (TWS 2228) Freimuth, V

SPCH700 Introduction to Doctoral Studies in Speech Communication; Grade Method: REG/AUD. Prerequisite: Admission to the Ph.D. program in SPCH. Formerly PCOM 700. 3 credits
0101 Th.....4:00pm- 6:45pm (TWS 2212) Edgar, T

SPCH703 Advanced Quantitative Data Analysis in Speech Communication Research: Structural Equation Models; Grade Method: REG/AUD. Prerequisites: SPCH 702 and permission of instructor. Formerly PCOM 703. 3 credits
0101 Th.....7:00pm- 9:45pm (TWS 2212) Fink, E

SPCH712 Advanced Historical/Critical Methods in Speech Communication Research; Grade Method: REG/AUD. Prerequisites: SPCH 711 and permission of instructor. Formerly PCOM 712. 3 credits
0101 Tu.....4:00pm- 6:45pm (TWS 2212) Solomon, M

SPCH758 Seminar in Rhetorical Theory; Grade Method: REG/AUD. 3 credits
0101 W.....7:00pm- 9:45pm (TWS 2212) Gaines, R

SPCH760 Seminar in Political Communication; Grade Method: REG/AUD. Prerequisite: SPCH 601 or permission of instructor. 3 credits
0101 W.....4:00pm- 6:45pm (TWS 2212) Solomon, M

SPCH776 Seminar in Interpersonal Communication; Grade Method: REG/AUD. 3 credits
0101 Tu.....7:00pm- 9:45pm (TWS 2212) Goldsmith, D

SPCH798 (PermReq) Independent Study; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

SPCH798J (PermReq) Independent Study: Speech Communication; Grade Method: REG/AUD. 1-3 credits
0101 M.....5:30pm- 6:30pm (TWS 1204) McCaleb, J

SPCH799 (PermReq) Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

SPCH888 Doctoral Practicum in Speech Communication; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 3-9 credits

SPCH889 Doctoral Tutorial in Speech Communication; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 3-9 credits

SPCH899 (PermReq) Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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STAT Statistics and Probability (Comp, Math, & Phys Sci)

STAT100 (PermReq) Elementary Statistics and Probability; Grade Method: REG/P-F/AUD. CORE Distributive Studies Math or Formal Reasoning Course. USP Distributive Studies Area B Course. Prerequisite: permission of Math Department based on satisfactory score on Math placement exam or MATH 110 or MATH 115. Not open to students who have completed MATH 111 or any MATH or STAT course with a prerequisite of MATH 141. Credit will be granted for only one of the following: MATH 111 or STAT 100. 3 credits
0101 MWF.....12:00pm-12:50pm (MTH 1311) STAFF
0102 MWF.....12:00pm-12:50pm (MTH 0302) STAFF
0103 MWF.....12:00pm-12:50pm (MTH 0411) STAFF
0201 MWF.....2:00pm- 2:50pm (MTH 1311) STAFF
0202 MWF.....2:00pm- 2:50pm (MTH 0302) STAFF
0203 MWF.....2:00pm- 2:50pm (MTH 0411) STAFF

STAT400 Applied Probability and Statistics I; Grade Method: REG/P-F/AUD. Prerequisite: MATH 141. Not acceptable toward graduate degrees in STAT, MAPL, or MATH. Section 0401 is designed for engineering students and includes some additional topics in quality control or simulation beyond other STAT 400 material. 3 credits
0101 MWF.....9:00am- 9:50am (MTH 0304) Fakhre-Zakeri,
0201 MWF.....10:00am-10:50am (MTH 0304) Syski, R
0301 MWF.....1:00pm- 1:50pm (MTH 0302) Kedem, B
0401 MW.....5:00pm- 6:15pm (MTH 0106) Freidlin, M
0501 TuTh.....11:00am-12:15pm (MTH B0423) Lee, T
0601 TuTh.....2:00pm- 3:15pm (MTH 0409) Mikulski, P

STAT401 Applied Probability and Statistics II; Grade Method: REG/P-F/AUD. Prerequisite: STAT 400. 3 credits
0101 MWF.....12:00pm-12:50pm (MTH 0107) Millson, J

STAT410 Introduction to Probability Theory; Grade Method: REG/P-F/AUD. Prerequisite: MATH 240; and MATH 241. 3 credits
0101 TuTh.....9:30am-10:45am (MTH B0429) Ventisel, A

STAT411 Introduction to Stochastic Processes; Grade Method: REG/P-F/AUD. Prerequisite: STAT 400. 3 credits
0101 MWF.....2:00pm- 2:50pm (MTH 0201) Syski, R

STAT440 Sampling Theory; Grade Method: REG/P-F/AUD. Prerequisite: STAT 401 or STAT 420. 3 credits
0101 TuTh.....11:00am-12:15pm (ITV 1111) Kagan, A

STAT464 Introduction to Biostatistics; Grade Method: REG/P-F/AUD. Prerequisite: one semester of calculus. 56 semester hours. Junior standing. 3 credits
0101 MWF.....10:00am-10:50am (MTH 1313) Smith, P

STAT498A Selected Topics in Statistics; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

STAT498C Selected Topics in Statistics: Introduction to Actuarial Mathematics; Grade Method: REG/P-F/AUD. Also offered as MATH 498C. 3 credits
0301 MWF.....11:00am-11:50am (MTH 0107) Slud, E

STAT600 Probability Theory I; Grade Method: REG/AUD. Prerequisite: STAT 410. 3 credits
0101 TuTh.....2:00pm- 3:15pm (MTH 0107) Lee, T

STAT698A Selected Topics in Probability; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-4 credits

STAT698B Selected Topics in Probability; Grade Method: REG/AUD. 3 credits
0201 TuTh.....12:30pm- 1:45pm (MTH B0425) Ventisel, A

STAT700 Mathematical Statistics I; Grade Method: REG/AUD. Prerequisite: STAT 410 or equivalent. 3 credits
0101 TuTh.....5:00pm- 6:15pm (MTH 0303) Mikulski, P

STAT720 Nonparametric Statistics; Grade Method: REG/AUD. Prerequisite: STAT 700 or equivalent. 3 credits
0101 MWF.....10:00am-10:50am (MTH 0301) Fakre-Zakeri, I

STAT740 Analysis of Variance; Grade Method: REG/AUD. Prerequisite: STAT 700 or STAT 420. 3 credits
0101 MW.....5:00pm- 6:15pm (MTH 0305) Smith, P

STAT798A Selected Topics in Statistics; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-4 credits

STAT799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

STAT899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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TEXT Textiles (Human Ecology)

TEXT105 Introduction to Textiles; Grade Method: REG/P-F/AUD. 3 credits
0101 MWF.....11:00am-11:50am (MMH 1400) Fell, K

TEXT205 Textile Materials and Performance; Grade Method: REG/P-F/AUD. Prerequisite: TEXT 105. Recommended: prior or concurrent registration in CHEM 103. Credit will be granted for only one of the following: TEXT 150 or TEXT 205. Formerly TEXT 150. 3 credits
0101 TuTh.....11:00am-12:15pm (MMH 1400) Block, I
Tu.....1:00pm- 3:00pm (MMH 2401) LAB
0102 TuTh.....11:00am-12:15pm (MMH 1400) Block, I
W.....10:00am-12:00pm (MMH 2401) LAB
0103 TuTh.....11:00am-12:15pm (MMH 1400) Block, I
Th.....1:00pm- 3:00pm (MMH 2401) LAB

TEXT221 Apparel I; Grade Method: REG/P-F/AUD. Attendance in laboratory is required. Section 0103 is recommended for 1303A, 1303B and 1303E majors who want more advanced laboratory experience. Students with no background in apparel design are not advised to take this section. 3 credits
0102 MW.....10:00am-10:50am (MMH 1304) STAFF
Tu.....8:00am-11:00am (MMH 2208) LAB
0103 MW.....10:00am-10:50am (MMH 1304) STAFF
Th.....8:00am-11:00am (MMH 2208) LAB
0104 MW.....10:00am-10:50am (MMH 1304) STAFF
Th.....11:00am- 2:00pm (MMH 2208) LAB

TEXT222 Apparel II; Grade Method: REG/P-F/AUD. Prerequisite: TEXT 221. Attendance in laboratory is required. 3 credits
0101 MW.....2:00pm- 5:00pm (MMH 2208) LAB STAFF

TEXT235 Computer Applications in Textiles; Grade (PermReq) Method: REG/AUD. For TEXT majors only. 3 credits
0101 MW.....11:00am-12:50pm (MMH 1314) Pourdeyhimi, B

TEXT298 Special Topics; Special Topics; Grade (PermReq) Method: REG/P-F/AUD. 1-3 credits
0101 Time and room to be arranged Block, I
0301 Time and room to be arranged Dardis, R
0401 Time and room to be arranged Hacklander, E
0501 Time and room to be arranged Pourdeyhimi, B
0601 Time and room to be arranged Smith, B
0701 Time and room to be arranged Spivak, S
0801 Time and room to be arranged Yeh, K
1201 Time and room to be arranged Grover, G
1301 Time and room to be arranged Paoletti, J
1501 Time and room to be arranged Wagner, J
1601 Time and room to be arranged Anderson, C

TEXT305 Textile Materials: Evaluation and Characterization; Grade Method: REG/P-F/AUD. Prerequisite: TEXT 205. 3 credits
0101 MW.....1:00pm- 1:50pm (MMH 0108) Grover, G
M.....2:00pm- 4:30pm (MMH 2201) LAB
0102 MW.....1:00pm- 1:50pm (MMH 0108) Grover, G
W.....2:00pm- 4:30pm (MMH 2201) LAB
0104 MW.....1:00pm- 1:50pm (MMH 0108) Grover, G
Tu.....2:00pm- 4:30pm (MMH 2201) LAB

TEXT345 History of Costume I; Grade Method: REG/P-F/AUD. CORE Distributive Studies Cultural Diversity Course. USP Distributive Studies Area A Course. 3 credits
0101 TuTh.....9:30am-10:45am (MMH 0108) Paoletti, J

TEXT355 Textile Furnishings; Grade Method: REG/P-F/AUD. Prerequisite: TEXT 205. 3 credits
0101 MWF.....10:00am-10:50am (MMH 1400) Spivak, S

TEXT363 History of Textiles; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. 3 credits
0101 TuTh.....12:30pm- 1:45pm (MMH 1304) Anderson, C

TEXT365 Fashion Merchandising; Grade Method: (PermReq) REG/P-F/AUD. Prerequisite: permission of department. Junior standing. 3 credits
0101 TuTh.....9:30am-10:45am (MMH 1304) Wagner, J

TEXT375 Economics of the Textile and Apparel Industry; Grade Method: REG/P-F/AUD. Prerequisites: ECON 201; and ECON 203. 3 credits
0101 TuTh.....2:00pm- 3:15pm (ARM 0116) Dardis, R

TEXT388 Field Work and Analysis in Textiles; Grade (PermReq) Method: S-F. Limited to majors in textiles and consumer economics. 3-12 credits
0101 Time and room to be arranged Wagner, J

TEXT400 Research Methods; Grade Method: REG/P-F/AUD Prerequisite: MATH 110 or MATH 115. Not open to students who have completed CNEC 400 or BMGT 230. 3 credits
0101 TuTh..... .9:30am-10:45am (WJP 1229) Soberon-Ferre

TEXT420 Apparel Design: Draping; Grade Method: REG/P-F/AUD. Prerequisites: APDS 101 or ARTT 100; and TEXT 222. Recommended: ARTT 110. Course will not be offered in spring term. Laboratory attendance is required. 3 credits
0101 MW.....8:00am-11:00am (MMH 2208) LAB Anderson, C

TEXT441 Clothing and Human Behavior; Grade Method: REG/P-F/AUD. Prerequisites: PSYC 100; and SOCY 100. 3 credits
0101 MWF.....11:00am-11:50am (MMH 0108) Hacklander, E

TEXT452 Textile Science: Chemical Structures and Properties of Fibers; Grade Method: REG/P-F/AUD. Prerequisite: CHEM 104 or permission of department. Course will be offered in fall and spring. 3 credits
0101 TuTh.....9:30am-10:30am (MMH 2401) STAFF
TuTh.....10:30am-12:30pm (MMH 2401) LAB

TEXT488 Senior Honors Thesis; Grade Method: S-F. (PermReq) Individual Instruction course: contact department or instructor to obtain section number. Limited to students in the departmental honors program. 1-4 credits

TEXT498 Special Studies; Grade Method: (PermReq) REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 2-4 credits

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THET Theatre (Arts and Humanities)

See also RTVF and SPCH.

THET110 Introduction to the Theatre; Grade Method: REG/P-F/AUD. USP Distributive Studies Area C Course. 3 credits
0201 MWF.....1:00pm- 1:50pm (SHM 2101) STAFF
0301 MWF.....2:00pm- 2:50pm (SHM 2101) STAFF
0401 TuTh.....9:30am-10:45am (SHM 2101) STAFF
0801 TuTh.....11:00am-12:15pm (ARM 0135) STAFF

THET111 Making Theatre: Art and Scholarship; Grade Method: REG/P-F/AUD. 3 credits
0101 TuTh.....11:00am-12:15pm (TWS 0147) Mundy, F

THET120 Acting I; Grade Method: REG/P-F/AUD. (PermReq) Prerequisite: THET 110. Students must contact department before registration for appropriate section. 3 credits
0101 TuTh.....11:00am-12:50pm (TWS 1228) LAB STAFF
0102 TuTh.....1:00pm- 2:50pm (TWS 1228) LAB STAFF
0103 TuTh.....3:00pm- 4:50pm (TWS 1228) LAB STAFF

THET170 Stagecraft; Grade Method: REG/P-F/AUD. 3 credits
0101 TuTh.....11:00am-11:50am (TWS 0241) Kriebs, D
M.....2:00pm- 5:00pm (TWS 0231) LAB
0102 TuTh.....11:00am-11:50am (TWS 0241) Kriebs, D
Tu.....2:00pm- 5:00pm (TWS 0231) LAB
0103 TuTh.....11:00am-11:50am (TWS 0241) Kriebs, D
W.....2:00pm- 5:00pm (TWS 0231) LAB
0104 TuTh.....11:00am-11:50am (TWS 0241) Kriebs, D
Th.....2:00pm- 5:00pm (TWS 0231) LAB

THET185 Makeup; Grade Method: REG/P-F/AUD. (PermReq) Prerequisite: permission of department. 2 credits
0101 MW.....10:00am-11:50am (TWS B0230D) Donnelly, D

THET221 Speech For the Stage; Grade Method: REG/P-F/AUD. 3 credits
0101 MW.....1:00pm- 2:50pm (TWS 1228) Ufema, K

THET310 The American Theatre; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. 3 credits
0101 MWF.....10:00am-10:50am (SHM 2102) Oleary, R

THET320 Acting II; Grade Method: REG/P-F/AUD. Prerequisites: THET 120 and THET 221 and permission of department. May be taken concurrently with THET 221. 3 credits
0101 MW... ....9:00am-10:50am (TWS 0241) Patrick, M

THET330 Play Directing I; Grade Method: (PermReq) REG/P-F/AUD. Prerequisites: THET 120; and THET 170; and THET 110; and THET 111 and permission of department. 3 credits
0101 TuTh.....3:00pm- 4:50pm (TWS 0241) Ufema, K

THET350 American Musical Comedy; Grade Method: REG/P-F. 3 credits
0101 MWF.....2:00pm- 2:50pm (TWS 0241) Oleary, R

THET375 Scenic Design I; Grade Method: (PermReq) REG/P-F/AUD. Prerequisite: permission of department. Design-oriented theatre majors are expected to also have credit for THET 273. 3 credits
0101 MW.....10:00am-11:50am (TWS 1218) Stowe, L

THET386 Field Work; Grade Method: REG/P-F/AUD. (PermReq) Individual Instruction course: contact department or instructor to obtain section number. Corequisite: THET 387. 1-3 credits

THET387 Field Work Analysis; Grade Method: (PermReq) REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: THET 386. 1-3 credits

THET420 Acting III; Grade Method: REG/P-F/AUD. (PermReq) Prerequisites: THET 120; and THET 221; and THET 320; and permission of department. 3 credits
0101 TuTh.....9:00am-10:50am (TWS 0241) Patrick, M

THET429 Actor's Studio; Grade Method. S-F. (PermReq) Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

THET460 Theatre Management I; Grade Method: REG. 3 credits
0101 TuTh.....9:30am-10:45am (TWS 2212) Patterson, W

THET474 Stage Management; Grade Method: (PermReq) REG/P-F/AUD. Prerequisite: THET 170 or permission of department. 3 credits
0101 TuTh.....9:00am-10:50am (TWS 1228) Kriebs, D

THET476 Lighting Design I; Grade Method: (PermReq) REG/P-F/AUD. Prerequisites: THET 170; and permission of department. Recommended: THET 273. 3 credits
0101 TuTh.....1:00pm- 2:50pm (TWS 0241) Wagner, D

THET479 Theater Workshop; Grade Method: (PermReq) REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

THET480 Stage Costume History and Design I; Grade Method: REG/P-F/AUD. 3 credits
0101 TuTh.....9:00am-10:50am (TWS 0147) Huang, H

THET486 Stage Costume Construction I; Grade Method: REG/P-F/AUD. 3 credits
0101 TuTh.....3:00pm- 4:50pm (TWS B0230D) Donnelly, D

THET490 History of the Theatre I; Grade Method: REG/P-F/AUD. 3 credits
0101 TuTh.....11:00am-12:15pm (TWS 1204) Schuler, C

THET495 History of Theatrical Theory and Criticism; Grade Method: REG/P-F/AUD. CORE Advanced Studies Development of Knowledge Course. USP Advanced Studies Development of Knowledge Course. 3 credits
0101 TuTh.....12:30pm- 1:45pm (COL 3109) Meersman, R

THET499 Independent Study; Grade Method: (PermReq) REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 3 credits

THET499B Independent Study: Black Drama Workshop; Grade Method: REG. 3 credits
0101 W.....4:00pm- 6:30pm (TWS 0241) Mundy, F

THET600 Introduction to Graduate Study in Theatre; Grade Method: REG/AUD. 3 credits
0101 M.....4:00pm- 6:30pm (TWS 0135) Gillespie, P

THET669 Independent Study; Grade Method: REG/AUD. (PermReq) Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

THET671 Theory of Visual Design in Theatre Forms; Grade Method: REG. 3 credits
0101 M.....9:30am-12:00pm (EDU 0114) Gruzig, J

THET681 Theory of Visual Design in Costuming; Grade Method: REG. 3 credits
0101 M.....4:00pm- 6:30pm (TWS 2212) Huang, H

THET694 Historical Studies in Modern Theatre; Grade Method: REG/AUD. 3 credits
0101 Th.....4:00pm- 6:30pm (ASY 3211) Schuler, C

THET712 Advanced Historical/Critical Methods in Theatre Research; Grade Method: REG/AUD. Prerequisites: THET 711; and permission of department. Formerly PCOM 712. 3 credits
0101 Tu.....4:00pm- 6:30pm (TWS 1202) Gillespie, P

THET788 Master's Tutorial; Grade Method: REG/AUD. (PermReq) Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

THET789 Master's Practicum; Grade Method: REG/AUD. (PermReq) Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

THET799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

THET888 Doctoral Practicum in Theatre; Grade (PermReq) Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 3-9 credits

THET889 Doctoral Tutorial in Theatre; Grade (PermReq) Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 3-8 cred

THET899 Doctoral Dissertation Research; Grade (PermReq) Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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TXCE Textiles and Consumer Economics (Human Ecology)

TXCE608 Special Problems; Grade Method: REG/AUD. (PermReq) Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

TXCE608A Special Problems: Computer Data Analysis; Grade Method: REG/AUD. 1 credit
0101 Time and room to be arranged Mokhtari, M

TXCE610 Economics of Consumption; Grade Method: REG/AUD. Prerequisite: ECON 306 or permission of department. 3 credits
0101 TBA (MMH 2210) Dardis, R

TXCE620 Consumer Behavior; Grade Method: REG/AUD. Prerequisite: CNEC 437 or permission of department. 3 credits
0101 Th.....5:00pm- 7:30pm (MMH 2208) Morris, L

TXCE645 Fabric Structures; Grade Method: REG/AUD. Prerequisite: permission of department. 3 credits
0101 TBA (MMH 2212) Pourdeyhimi, B

TXCE648 Seminar in Historic Textiles; Grade Method: REG/AUD. 1-3 credits
0101 Time and room to be arranged Block, I
1301 Time and room to be arranged Paoletti, J
1601 Time and room to be arranged Anderson, C

TXCE660 Fiber Structure and Properties; Grade Method: REG/AUD. Prerequisite: TEXT 452 or permission of department. 3 credits
0101 Th.....5:00pm- 7:30pm (MMH 2201) Yeh, K

TXCE670 Appearance and Sensory Properties; Grade Method: REG/AUD. Prerequisite: TEXT 305 or permission of department. 3 credits
0101 TBA (MMH 2201) Grover, G

TXCE699 Research Seminar; Grade Method: S-F. 1 credit
0101 M.....4:00pm- 4:50pm (MMH 1304) STAFF

TXCE700 Consumption Analysis; Grade Method: REG/AUD. Prerequisites: TXCE 600; and permission of department. 3 credits
0101 TBA (MMH 2210) Mokhtari, M

TXCE760 Physics and Chemistry of Fibers; Grade Method: REG/AUD. Prerequisite: TXCE 660 or permission of department. 3 credits
0101 TBA (MMH 2210) Yeh, K

TXCE770 Textile Microscopy; Grade Method: REG/AUD. 3 credits
0101 W.....3:00pm- 4:00pm (MMH 0108) Smucker, R
Time and room to be arranged LAB

TXCE789 Non-Thesis Research; Grade Method: REG. (PermReq) Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

TXCE799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

TXCE899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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UMEI Maryland English Institute (Arts and Humanities)

UMEI001 English as a Foreign Language: Beginning; (PermReq) Grade Method: S-F. See Director, UMEI, 1104 Preinkert. This course does not carry credit towards any degree at the University and does not count in the retention plan. An additional fee is required for this course. See financial section in Schedule of Classes for information. **12 credits**
0101 MTuWThF....9:00am-10:00am (EDU 3236) STAFF
MWF.....11:00am-12:00pm (EDU 1203)
TuTh.....11:00am-12:00pm (EDU 0210)
0201 TuTh.....1:00pm- 3:00pm (JMZ 1215) STAFF
MWF.....1:00pm- 3:00pm (WDS 0104)

UMEI002 English as a Foreign Language: (PermReq) Intermediate I; Grade Method: S-F. See Director, UMEI, 1104 Preinkert. This course does not carry credit towards any degree at the University and does not count in the retention plan. An additional fee is required for this course. See financial section in Schedule of Classes for information. **12 credits**
0101 TuTh.....2:00pm- 3:00pm (JMZ 0120) STAFF
MWF.....2:00pm- 3:00pm (ARM 0120)
0201 Th.....10:00am-12:00pm (EDU 1203) STAFF
Tu.....10:00am-12:00pm (EDU 1203)

UMEI003 English as a Foreign Language: (PermReq) Intermediate II; Grade Method: S-F. See Director, UMEI, 1104 Preinkert. This course does not carry credit towards any degree at the University and does not count in the retention plan. An additional fee is required for this course. See financial section in Schedule of Classes for information. **12 credits**
0101 TuTh.....1:00pm- 3:00pm (ARM 0103) STAFF
0201 MWF.....10:00am-12:00pm (COL 3114) STAFF
TuTh.....10:00am-12:00pm (ARC 1121)
MTuWThF....9:00am-10:00am (EDU 3236)
TuTh.....1:00pm- 3:00pm (ARM 0103)

UMEI004 English as a Foreign Language: (PermReq) Intermediate III; Grade Method: S-F. See Director, UMEI, 1104 Preinkert. This course does not carry credit towards any degree at the University and does not count in the retention plan. An additional fee is required for this course. See financial section in Schedule of Classes for information. **12 credits**
0101 MTuWThF...10:00am-12:00pm (ARM 0108) STAFF
MW.....1:00pm- 3:00pm (DNC 1139B)
Tu.....9:00am-11:00am (DNC 1147A)
Th.....9:00am-11:00am (DNC 1139B)
F.....1:00pm- 3:00pm (DNC 1139B)

UMEI005 Advanced English as a Foreign Language; (PermReq) Grade Method: S-F. See Director, UMEI, 1104 Preinkert. This course does not carry credit towards any degree at the University and does not count in the retention plan. An additional fee is required for this course. See financial section in Schedule of Classes for information. Section 0301 is for graduate students only. 6 credits
0301 MWF.....10:00am-12:00pm (JRN 1101) STAFF
TuTh.....10:00am-12:00pm (JRN 1101)
0401 MWF.....1:00pm- 3:00pm (COL 0104) STAFF
TuTh.....1:00pm- 3:00pm (ARC 1121)
0501 MTuWThF....8:00am-10:00am (JRN 1103) STAFF
0601 MWF.....9:00am-11:00am (DNC 1143) STAFF
TuTh.....9:00am-11:00am (JMZ 1125)

UMEI005A Advanced English as a Foreign Language; (PermReq) Grade Method: S-F. For foreign graduate teaching assistants. This course does not carry credit towards any degree at the University and does not count in the retention plan. An additional fee is required for this course. See financial section in Schedule of Classes for information. 6 credits
0101 MTuWThF....1:00pm- 3:00pm (JMZ 1124) STAFF

UMEI006 English Pronunciation, Grade Method: S-F. This course does not carry credit towards any degree at the University and does not count in the retention plan. An additional fee is charged for this course. See financial section in Schedule of Classes for information. 1 credit
0101 W.....3:00pm- 5:00pm (JMZ 2122) STAFF
0201 W.....10:00am-12:00pm (DNC 1139B) STAFF

UMEI008 Advanced Oral Communication Skills; Grade Method: S-F. See Director, UMEI, 1104 Preinkert. This course does not carry credit towards any degree at the University and does not count in the retention plan. An additional fee is required for this course. See financial section in Schedule of Classes for information. 1 credit
0101 TuTh.....1:00pm- 3:00pm (JMZ 1109) STAFF

URBS Institute for Urban Studies (Behavior & Social Sci)

URBS100 Introduction to Urban Studies and Planning; Grade Method: REG. USP Distributive Studies Area D Course. 3 credits
0101 TuTh.....3:30pm- 4:45pm (LEF 2205) Levin, M

URBS320 The Social and Technological City; Grade Method: REG/AUD. Prerequisite: URBS 240. Credit will be granted for only one of the following: URBS 320 or URBS 220. 3 credits
0101 MWF.....10:00am-10:50am (LEF 1220) Cohen, J

URBS397H Honors Independent Reading; Grade Method: (PermReq) REG. Prerequisite: admission to honors program in URBS or other departments. 3 credits

0101 Time and room to be arranged STAFF

URBS399I Independent Study; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 3 credits
(PermReq)

URBS401 Seminar in Urban Problems and Policy; Grade Method: REG/AUD. Prerequisite: URBS 320. Senior standing. For URBS majors only. 3 credits
0101 TuTh.....10:00am-11:15am (LEF 1210) STAFF
0201 MWF.....11:00am-11:50am (LEF 1210) Cohen, J

URBS438 Urban Honors Internship; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits
(PermReq)

URBS488A Selected Topics in Urban Studies and Planning: Computer Mapping; Grade Method: REG/P-F/AUD. 3 credits
0101 MW.....3:00pm- 4:30pm (LEF 2208) Thompson, D

URBS488I Selected Topics in Urban Studies and Planning: Geographic Information Systems; Grade Method: REG/P-F/AUD. Prerequisite: GEOG 373 or permission of department. 3 credits
0101 Tu.....4:00pm- 7:00pm (LEF 1208) Thompson, D

URBS488S Selected Topics in Urban Studies and Planning: Social Geography of Metropolitan Areas; Grade Method: REG/P-F/AUD. 3 credits
0101 M.....7:00pm- 9:30pm (LEF 1179) Christian, C

URBS488U Selected Topics in Urban Studies and Planning: Poverty and the Underclass in Urban America; Grade Method: REG/AUD. 3 credits
0101 M.....2:00pm- 4:30pm (JMZ 0103) Christian, C

URBS488X Selected Topics in Urban Studies and Planning: Urban Problems Seminar; Grade Method: REG/P-F/AUD. 3 credits
0101 TuTh.....3:30pm- 4:45pm (ARC 1127) Fogle, D

URBS499H Honors Thesis; Grade Method: REG/P-F/AUD. 3-6 credits
(PermReq) Prerequisite: admissions to honors program in URBS or other departments.
0101 Time and room to be arranged STAFF

URBS601 Research Methods; Grade Method: REG/AUD. Prerequisite: basic course in statistics. 3 credits
0101 Th.....7:00pm- 9:30pm (LEF 2208) STAFF

URBS603 Land Use Planning: Concepts and Techniques; Grade Method: REG/AUD. Credit will be granted for only one of the following: URBS 603 or URBS 680. Formerly URBS 680. 3 credits
0101 M.....7:00pm- 9:30pm (LEF 1201) Levin, M

URBS604 The Planning Process; Grade Method: REG/AUD. Credit will be granted for only one of the following: URBS 604 or URBS 656. Formerly URBS 656. 3 credits
0101 W.....4:00pm- 6:30pm (LEF 1222) Baum, H

URBS650 Urban Political Economy; Grade Method: REG/AUD. 3 credits
0101 Th.....3:00pm- 5:30pm (JMZ 0103) STAFF

URBS660 Function and Structure of Metropolitan Areas; Grade Method: REG/AUD. 3 credits
0101 W.....7:00pm- 9:30pm (LEF 1208) Howland, M

URBS670 Urban Public Policy Analysis; Grade Method: REG/AUD. 3 credits
0101 Tu.....3:00pm- 5:30pm (LEF 1179) STAFF

URBS673 Social Planning; Grade Method: REG/AUD. Prerequisite: URBS 604 or permission of instructor. Credit will be granted for only one of the following: URBS 673 or URBS 683. Formerly URBS 683. 3 credits
0101 M.....4:00pm- 6:30pm (LEF 1220) Baum, H

URBS688G Recent Developments in Urban Studies: Planning and Design of Housing for Low and Moderate Income Households; Grade Method: REG. 3 credits
0101 Tu.....4:00pm- 6:30pm (MKH 2407A) Francescato, G

URBS704 Community Planning Studio; Grade Method: 5 credits
(PermReq) REG/AUD. Prerequisites: URBS 603, and permission of instructor. For MCP majors only.
0101 TuTh.....9:00am- 5:00pm (Arranged) Reich, L

URBS788 Independent Study in Urban Studies and Planning; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits
(PermReq)

URBS798 Readings in Urban Studies and Planning; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits
(PermReq)

URBS799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

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WMST Women's Studies (Arts and Humanities)

WMST200 Introduction to Women's Studies: Women and Society; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. CORE Distributive Studies Cultural Diversity Course. USP Distributive Studies Area D Course. WMST 200 (or WMST 250) is a prerequisite for WMST 400. A third discussion hour will be arranged at the first lecture for section 0101. 3 credits
0101 MW.....2:00pm- 2:50pm (ZOP 1232) Bolles, L
Time and room to be arranged DIS
0201 TuTh.....2:00pm- 3:15pm (COL 3111) Morgan, S

WMST250 Introduction to Women's Studies: Women, Art and Culture; Grade Method: REG/P-F/AUD. CORE Distributive Studies Arts Course. CORE Distributive Studies Cultural Diversity Course. USP Distributive Studies Area C Course. WMST 250 (or WMST 200) is a prerequisite for WMST 400. 3 credits
0101 MW.....3:00pm- 4:15pm (ASY 3211) Patton, S
0201 TuTh.....11:00am-12:15pm (ARM 0118) Povsil, M
0301 TuTh.....2:00pm- 3:15pm (HBK 0117) Povsil, M
0401 MWF.....9:00am- 9:50am (COL 0102) Patton, S

WMST350 Feminist Education Practicum; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: permission of department. Corequisite: WMST 351. 3 credits
(PermReq)

WMST351 Feminist Education Analysis; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: permission of department. Corequisite: WMST 350. 3 credits
(PermReq)

WMST400 Theories of Feminism; Grade Method: REG/AUD. USP Advanced Studies Development of Knowledge Course. Prerequisite: WMST 200 or WMST 250. 3 credits
0101 TuTh.....11:00am-12:15pm (ARM 0105) King, K
0201 TuTh.....2:00pm- 3:15pm (HBK 1108) Pratt, M

WMST498A Special Topics in Women's Studies: Asian Women; Grade Method: REG. 3 credits
(PermReq)
0101 TuTh.....11:00am-12:15pm (ARM 0119) Kim, S

WMST498C Special Topics in Women's Studies: Caribbean Women; Grade Method: REG/AUD. 3 credits
0101 MW.....11:00am-12:15pm (COL 0104) Bolles, L

WMST499 Independent Study; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits
(PermReq)

WMST621 Women's Studies Across the Disciplines; Grade Method: REG/AUD. Prerequisite: WMST 400 or permission of department. 3 credits
0101 Tu.....2:00pm- 4:30pm (JMZ 0125) Rosenfelt, D

WMST699 Independent Study; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits
(PermReq)

ZOOL Zoology (Life Sciences)

The following courses may involve the use of animals. Students who are concerned about the use of animals in teaching have the responsibility to contact the instructor, prior to course enrollment, to determine whether animals are to be used in the course, whether class exercises involving animals are optional or required and what alternatives, if any, are available.

ZOOL201 Human Anatomy and Physiology I; Grade Method: REG/P-F/AUD. CORE Distributive Studies Life Science Laboratory Course. Prerequisite: BIOL 105 or equivalent. Professor-in-charge: Payne. Laboratory supervisor: Spalding. 4 credits
0101 MWF.....9:00am- 9.50am (ZOP 1240) Payne, R
M.....10:00am- 1:00pm (ZOP 0205) LAB
0102 MWF.....9:00am- 9:50am (ZOP 1240) Payne, R
M.....1:00pm- 4:00pm (ZOP 0205) LAB
0103 MWF.....9:00am- 9:50am (ZOP 1240) Payne, R
M.....4:00pm- 7:00pm (ZOP 0205) LAB
0104 MWF.....9:00am- 9:50am (ZOP 1240) Payne, R
Tu.....8:00am-11:00am (ZOP 0205) LAB
0105 MWF.....9:00am- 9:50am (ZOP 1240) Payne, R
Tu.....11:00am- 2:00pm (ZOP 0205) LAB
0106 MWF.....9:00am- 9:50am (ZOP 1240) Payne, R
Tu.....2:00pm- 5:00pm (ZOP 0205) LAB
0107 MWF.....9:00am- 9:50am (ZOP 1240) Payne, R
W.....10:00am- 1:00pm (ZOP 0205) LAB
0108 MWF.....9:00am- 9:50am (ZOP 1240) Payne, R
W.....1:00pm- 4:00pm (ZOP 0205) LAB
0110 MWF.....9:00am- 9:50am (ZOP 1240) Payne, R
Th.....11:00am- 2:00pm (ZOP 0205) LAB
0111 MWF.....9:00am- 9:50am (ZOP 1240) Payne, R
Th.....2:00pm- 5:00pm (ZOP 0205) LAB

ZOOL210 Animal Diversity; Grade Method: REG/P-F/AUD. CORE Distributive Studies Life Science Laboratory Course. USP Distributive Studies Area B Course. Prerequisite: BIOL 106. 4 credits
0102 TuTh.....9:30am-10:45am (ZOP 1240) Kent, B
M.....11:00am- 2:00pm (ZOP 0257) LAB
0103 TuTh.....9:30am-10:45am (ZOP 1240) Kent, B
M.....2:00pm- 5:00pm (ZOP 0257) LAB
0105 TuTh.....9:30am-10:45am (ZOP 1240) Kent, B
Tu.....2:00pm- 5:00pm (ZOP 0257) LAB
0107 TuTh.....9:30am-10:45am (ZOP 1240) Kent, B
W.....11:00am- 2:00pm (ZOP 0257) LAB
0108 TuTh.....9:30am-10:45am (ZOP 1240) Kent, B
W.....2:00pm- 5:00pm (ZOP 0257) LAB
0109 TuTh.....9:30am-10:45am (ZOP 1240) Kent, B
Th.....11:00am- 2:00pm (ZOP 0257) LAB
0110 TuTh.....9:30am-10:45am (ZOP 1240) Kent, B
Th.....2:00pm- 5:00pm (ZOP 0257) LAB

ZOOL211 Cell Biology and Physiology; Grade Method: REG/P-F/AUD. Prerequisites: BIOL 105; and CHEM 103. Course co-taught by M.D. Goode and S. Shapiro. 4 credits
0101 MWF.....11:00am-11:50am (ZOP 1250) Shapiro, S
M.....2:00pm- 5:00pm (ZOP 0283) LAB
0102 MWF.....11:00am-11:50am (ZOP 1250) Shapiro, S
Tu.....9:00am-12:00pm (ZOP 0283) LAB
0103 MWF.....11:00am-11:50am (ZOP 1250) Shapiro, S
Tu.....2:00pm- 5:00pm (ZOP 0283) LAB
0104 MWF.....11:00am-11:50am (ZOP 1250) Shapiro, S
W.....2:00pm- 5:00pm (ZOP 0283) LAB
0105 MWF.....11:00am-11:50am (ZOP 1250) Shapiro, S
Th.....9:00am-12:00pm (ZOP 0283) LAB
0106 MWF.....11:00am-11:50am (ZOP 1250) Shapiro, S
Th.....2:00pm- 5:00pm (ZOP 0283) LAB
0107 MWF.....11:00am-11:50am (ZOP 1250) Shapiro, S
W.....6:00pm- 9:00pm (ZOP 0283) LAB

ZOOL213 Genetics; Grade Method: REG/P-F/AUD. Prerequisite: BIOL 105; CHEM 113. Credit will be granted for only one of the following: ZOOL 213, ANSC 201, BOTN 414, HORT 274. 4 credits
0101 MWF.....9:00am- 9:50am (ZOP 1250) Barnett, A
M.....2:00pm- 5:00pm (ZOP 0201) LAB
0102 MWF.....9:00am- 9:50am (ZOP 1250) Barnett, A
Tu.....2:00pm- 5:00pm (ZOP 0201) LAB
0103 MWF.....9:00am- 9:50am (ZOP 1250) Barnett, A
W.....1:00pm- 4:00pm (ZOP 0201) LAB
0105 MWF.....9:00am- 9:50am (ZOP 1250) Barnett, A
Th.....8:00am-11:00am (ZOP 0201) LAB

ZOOL299 Supplemental Study in Zoology; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits
(PermReq)

ZOOL301 Biological Issues and Scientific Evidence; Grade Method: REG/P-F/AUD. CORE Advanced Studies Development of Knowledge Course. USP Advanced Studies Development of Knowledge Course. Prerequisite: BIOL 105. Course co-taught by L. Chao and W. Stephan. 3 credits
0101 TuTh.....5:00pm- 6:15pm (ZOP 1250) Chao, L

ZOOL308H Honors Seminar; Grade Method: REG/P-F/AUD. 1 credit
0101 Th.....5:00pm- 6:00pm (ZOP 1230) Inouye, D

ZOOL309H Honors Independent Study; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: paticipation in honors program. 1-4 credits
(PermReq)

ZOOL313 Women and Science; Grade Method: REG/P-F/AUD. CORE Advanced Studies Social and Ethical Problems Course. CORE Distributive Studies Cultural Diversity Course. Prerequisite: one science course. 3 credits
0101 TuTh.....3:30pm- 4:45pm (ZOP 1228) Palmer, M

ZOOL318H Honors Research; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: participation in honors program. 1-2 credits
(PermReq)

ZOOL319 Special Problems in Zoology; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisites: major in zoology or biological sciences, G.P.A. of 3.00 in biological sciences, consent of instructor. 1-2 credits
(PermReq)

ZOOL323 Brain and Behavior; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course. Prerequisite: ZOOL 211 or equivalent introduction to general physiology. Credit will be granted for only one of the following: ZOOL 323 or PSYC 402. 3 credits
0101 TuTh.....11:00am-12:15pm (ZOP 1240) Presson, J

ZOOL326 Biology of Reproduction; Grade Method: REG/P-F/AUD. Prerequisite: BIOL 105 or permission of department. 3 credits
0101 TuTh.....8:00am- 9:15am (ZOP 1250) Tamarkin, L

ZOOL328A Selected Topics in Zoology: Neuroanatomy; Grade Method: REG/P-F/AUD. 3 credits
(PermReq)
0101 TuTh.....8:00am- 9:15am (ZOP 1243) Carr, C

ZOOL328E Selected Topics in Zoology: Electron Microscopy Lab; Grade Method: REG/P-F/AUD. 3 credits
(PermReq)
0101 Th.....1:00pm- 1:50pm (ZOP 0240) Maugel, T
TBA (ZOP 0240) LAB
Th.....2:00pm- 5:00pm (ZOP 0240) LAB

ZOOL328Z Selected Topics in Zoology: Field Research; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Cannot be used as credit toward the ZOOL major requirements. 1-3 credits
(PermReq)

ZOOL348 Human Genetics and Society; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. Prerequisite: two college courses in the natural sciences and/or mathematics. 3 credits

0101 MWF.....1:00pm- 1:50pm (ZOP 1243) Barnett, A

ZOOL381 Natural History of the Chesapeake Bay; Grade Method: REG/P-F/AUD. CORE Advanced Studies Social and Ethical Problems Course. USP Advanced Studies Analysis of Human Problems Course. Prerequisite: a course in biological sciences or permission of department. 3 credits
0101 MWF.....12:00pm-12:50pm (ZOP 1240) Small, E

ZOOL416 Biology of Cancer; Grade Method: REG/P-F/AUD. Prerequisites: ZOOL 211; and [MICB 200 or a course in biochemistry]. 3 credits
0101 MWF.....10:00am-10:50am (ZOP 1243) Ades, I

ZOOL422 Vertebrate Physiology; Grade Method: REG/P-F/AUD. Prerequisite: ZOOL 211 and one semester of organic chemistry or permission of department. 4 credits
0101 MWF.....8:00am- 8:50am (ZOP 1240) Higgins, W
M.....2:00pm- 5:00pm (ZOP 2223) LAB
0102 MWF.....8:00am- 8:50am (ZOP 1240) Higgins, W
Tu.....2:00pm- 5:00pm (ZOP 2223) LAB
0103 MWF.....8:00am- 8:50am (ZOP 1240) Higgins, W
Th.....2:00pm- 5:00pm (ZOP 2223) LAB
0107 MWF.....8:00am- 8:50am (ZOP 1240) Higgins, W
W.....2:00pm- 5:00pm (ZOP 2223) LAB
0109 MWF.....8:00am- 8:50am (ZOP 1240) Higgins, W
M.....9:00am-12:00pm (ZOP 2223) LAB
0110 MWF.....8:00am- 8:50am (ZOP 1240) Higgins, W
Tu.....9:00am-12:00pm (ZOP 2223) LAB
0112 MWF.....8:00am- 8:50am (ZOP 1240) Higgins, W
F.....9:00am-12:00pm (ZOP 2223) LAB

ZOOL440 Evolution; Grade Method: REG/P-F/AUD. Prerequisites: BIOL 106; and ZOOL 213. 3 credits
0101 TuTh.....9:30am-10:45am (ZOP 1234) Chao, L

ZOOL446 Molecular Genetics; Grade Method: REG/P-F/AUD. Prerequisites: a course in genetics (e.g. ZOOL 213) and CHEM 233. 3 credits
0101 TuTh.....11:00am-12:15pm (ZOP 2283) Imberski, R

ZOOL455 General Immunology; Grade Method: REG/P-F/AUD. Prerequisites: ZOOL 211; ZOOL 213. Credit will be granted for only one of the following: ZOOL 455 and MICB 450. 3 credits
0101 TuTh.....3:30pm- 5:00pm (ZOP 2283) Potter, M

ZOOL460 Ethology; Grade Method: REG/P-F/AUD. Prerequisites: BIOL 106; and ZOOL 213. 3 credits
0102 MW.....11:00am-11:50am (ZOP 2283) Wilkinson, G
F.....10:00am-10:50am (ZOP 0275) DIS
0103 MW.....11:00am-11:50am (ZOP 2283) Wilkinson, G
F.....11:00am-11:50am (ZOP 0275) DIS

ZOOL470 Advanced Animal Ecology; Grade Method: REG/P-F/AUD. Prerequisites: BIOL 106; and MATH 220; and a course in statistics. 2 credits
0101 MW.....9:00am- 9:50am (ZOP 1238) Gill, D

ZOOL471 Laboratory and Field Ecology; Grade Method: REG/P-F/AUD. Pre- or corequisite: ZOOL 470. 2 credits
0101 F.....1:00pm- 5:00pm (ZOP 0275) LAB STAFF

ZOOL477 Symbiology; Grade Method: REG/P-F/AUD. Prerequisite: ZOOL 210 or ZOOL 212. 3 credits
0101 MWF.....1:00pm- 1:50pm (ZOP 1238) Inouye, D

ZOOL480 Aquatic Biology; Grade Method: REG/P-F/AUD. Prerequisites: BIOL 106; and ZOOL 210. 4 credits
0101 TuTh.....1:00pm- 1:50pm (ZOP 0271) Poff Jr., N
TuTh.....2:00pm- 5:00pm (ZOP 0271) LAB
0102 TuTh.....1:00pm- 1:50pm (ZOP 0271) Poff Jr., N
MW.....1:00pm- 4:00pm (ZOP 0271) LAB

ZOOL481 The Biology of Marine and Estuarine Invertebrates; Grade Method: REG/P-F/AUD. Prerequisite: one year of zoology including ZOOL 210 or equivalent. 4 credits
0101 MW.....10:00am-10:50am (ZOP 2283) Pierce Jr, S
MW.....1:00pm- 4:00pm (ZOP 0263) LAB

ZOOL485 Mammalian Histology; Grade Method: REG/P-F/AUD. Prerequisites: ZOOL 211; and ZOOL 422; or permission of department. 4 credits
0101 WF.....9:00am- 9:50am (ZOP 1228) Linder, H
WF.....10:00am- 1:00pm (ZOP 2245) LAB

ZOOL608L Zoology Seminar: Conservation Biology; Grade Method: REG/AUD. 1 credit
4701 Time and room to be arranged DIS Dietz, J

ZOOL608P Zoology Seminar: Advanced Stream Ecology; Grade Method: REG/AUD. 2 credits
(PermReq)
0101 F.....12:00pm- 2:00pm (ZOP 4227) Palmer, M

ZOOL608Q Zoology Seminar: Protozoology; Grade Method: REG/AUD. 1 credit
2801 Time and room to be arranged Small, E

ZOOL609 Special Problems in Zoology; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

ZOOL609L Special Problems in Zoology: Conservation Biology Internship; Grade Method: REG/AUD. 6 credits
4701 Time and room to be arranged DIS Dietz, J

ZOOL622 Membrane Transport Phenomena; Grade Method: REG/AUD. Prerequisites: ZOOL 422 or equivalent training in physiology; and knowledge of calculus; or permission of instructor. 3 credits
0101 Time and room to be arranged Colombini, M

ZOOL640 Population Genetics; Grade Method: REG/AUD. Prerequisite: a course in genetics. 4 credits
0101 TuTh.....2:00pm- 3:15pm (ZOP 1228) Highton, R
Time and room to be arranged LAB

ZOOL671 Concepts in Evolution; Grade Method: REG/AUD. Prerequisite: [ZOOL 440 or equivalent] or permission of instructor. Course team taught by G. Borgia, L. Chao, and W. Stephan 3 credits
0101 Time and room to be arranged Stephan, W

ZOOL677 Ecology of Marine Communities; Grade Method: REG/AUD. Prerequisites: ZOOL 670 or permission of instructor. Recommended: ZOOL 481. 4 credits
0101 Time and room to be arranged Reaka, M

ZOOL708A Advanced Topics in Zoology: Neuroanatomy; Grade Method: REG/AUD. 3 credits
(PermReq)
0101 TuTh.....8:00am- 9:15am (ZOP 1243) Carr, C

ZOOL708C Advanced Topics in Zoology: Neuroscience; Grade Method: REG/AUD. 4 credits
0101 TuTh.....9:30am-10:45am (ZOP 1250) Cohen, A
Time and room to be arranged DIS

ZOOL708N Advanced Topics in Zoology: Membrane Physiology; Grade Method: REG/AUD. 1 credit
(PermReq)
3401 Time and room to be arranged Colombini, M

ZOOL708P Advanced Topics in Zoology: General Immunology; Grade Method: REG/AUD. 3 credits
0101 TuTh.....3:30pm- 5:00pm (ZOP 2283) Potter, M

ZOOL799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

ZOOL899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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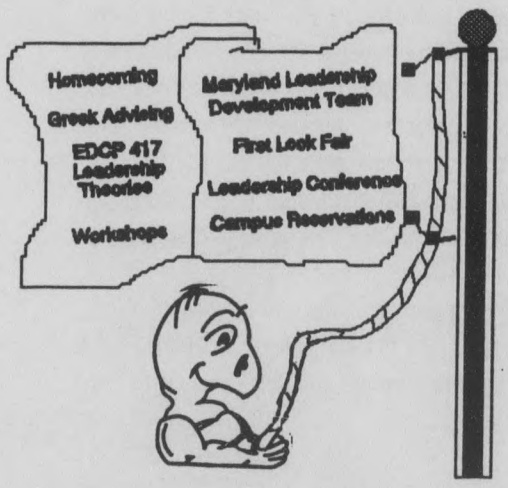

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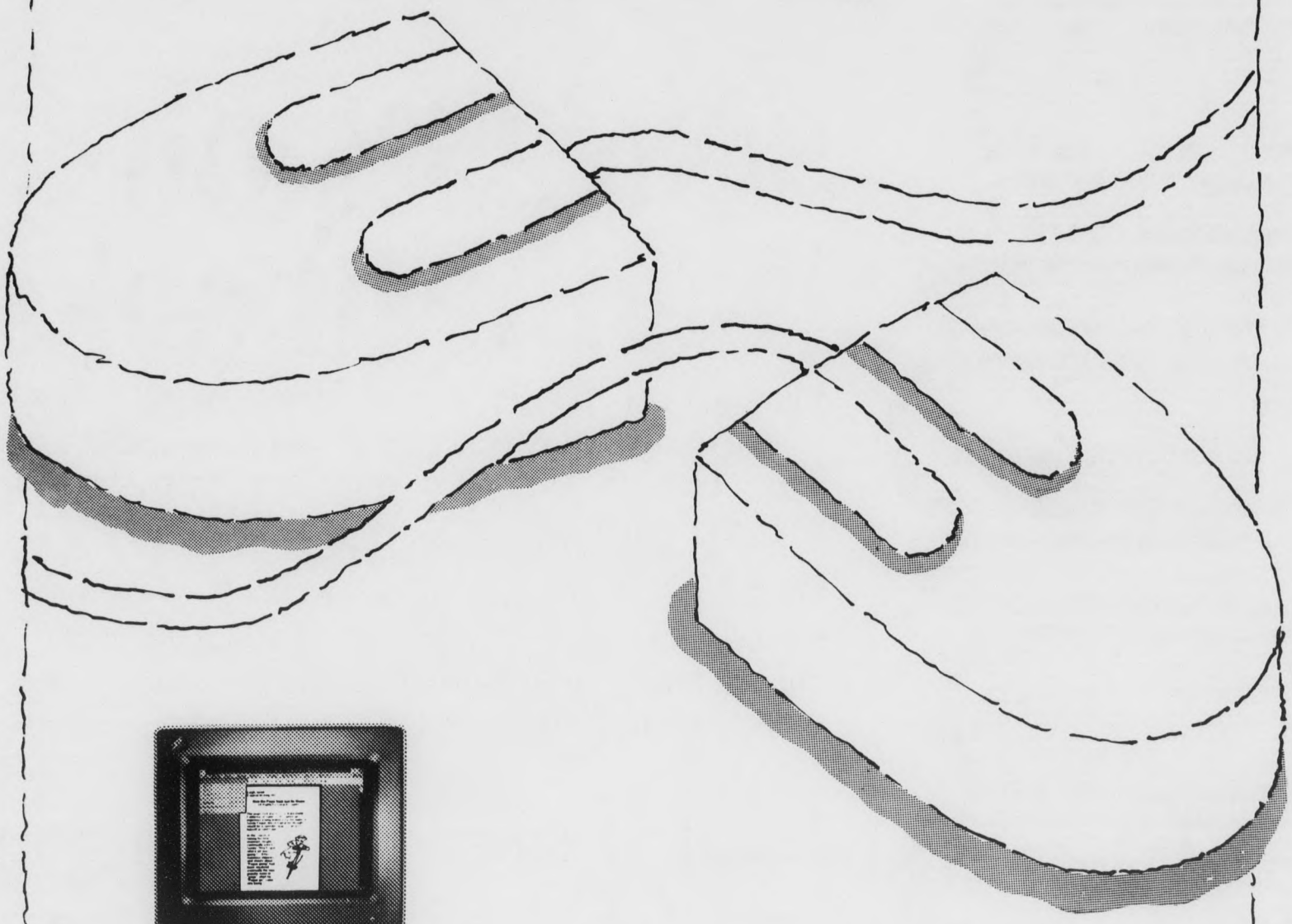

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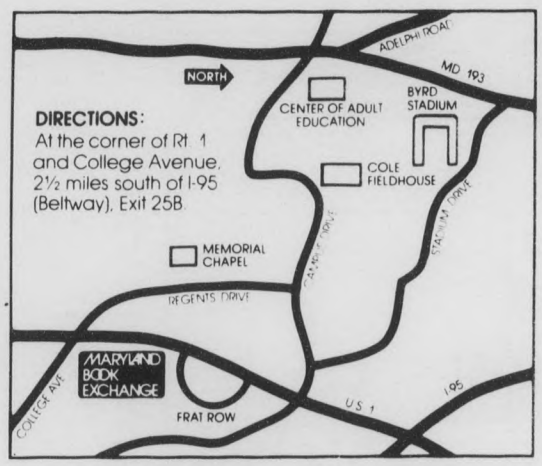

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